

Form **990-PF**Department of the Treasury  
Internal Revenue Service**Return of Private Foundation**

or Section 4947(a)(1) Trust Treated as Private Foundation

▶ Do not enter social security numbers on this form as it may be made public.

▶ Information about Form 990-PF and its separate instructions is at [www.irs.gov/form990pf](http://www.irs.gov/form990pf).

OMB No 1545-0052

**2015**

Open to Public Inspection

For calendar year 2015 or tax year beginning **SEP 1, 2015**, and ending **AUG 31, 2016**

Name of foundation

A Employer identification number

**Burroughs Wellcome Fund****23-7225395**

Number and street (or P.O. box number if mail is not delivered to street address)

Room/suite

**21 T. W. Alexander Drive P.O. Box 13901**

B Telephone number

**919-991-5100**

City or town, state or province, country, and ZIP or foreign postal code

**Research Triangle Park, NC 27709-3901**C If exemption application is pending, check here ☐

G Check all that apply:

☐ Initial return☐ Initial return of a former public charity☐ Final return☐ Amended return☐ Address change☐ Name changeD 1. Foreign organizations, check here ☐2. Foreign organizations meeting the 85% test, check here and attach computation ☐

H Check type of organization:

☒ Section 501(c)(3) exempt private foundation☐ Section 4947(a)(1) nonexempt charitable trust☐ Other taxable private foundationE If private foundation status was terminated under section 507(b)(1)(A), check here ☐

I Fair market value of all assets at end of year

J Accounting method:

☐ Cash☒ Accrual

(from Part II, col. (c), line 16)

☐ Other (specify)F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here ☐▶ \$ **718,949,933.** (Part I, column (d) must be on cash basis.)**Part I Analysis of Revenue and Expenses**

(The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a).)

(a) Revenue and expenses per books

(b) Net investment income

(c) Adjusted net income

(d) Disbursements for charitable purposes (cash basis only)

|                                       |                                                                                               |                            |                        |            |                    |
|---------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------|------------------------|------------|--------------------|
| Revenue                               | 1 Contributions, gifts, grants, etc., received                                                |                            |                        | <b>N/A</b> |                    |
|                                       | 2 Check <input checked="" type="checkbox"/> If the foundation is not required to attach Sch B |                            |                        |            |                    |
|                                       | 3 Interest on savings and temporary cash investments                                          | <b>2,465.</b>              | <b>2,465.</b>          |            | <b>Statement 1</b> |
|                                       | 4 Dividends and interest from securities                                                      | <b>11,836,613.</b>         | <b>11,880,463.</b>     |            | <b>Statement 2</b> |
|                                       | 5a Gross rents                                                                                |                            |                        |            |                    |
|                                       | b Net rental income or (loss)                                                                 |                            |                        |            |                    |
|                                       | 6a Net gain or (loss) from sale of assets not on line 10                                      | <b>9,692,712.</b>          |                        |            |                    |
|                                       | b Gross sales price for all assets on line 6a                                                 | <b>2252683289.</b>         |                        |            |                    |
|                                       | 7 Capital gain net income (from Part IV, line 2)                                              |                            | <b>9,336,834.</b>      |            |                    |
|                                       | 8 Net short-term capital gain                                                                 |                            |                        |            |                    |
| Operating and Administrative Expenses | 9 Income modifications                                                                        |                            |                        |            |                    |
|                                       | 10a Gross sales less returns and allowances                                                   |                            |                        |            |                    |
|                                       | b Less Cost of goods sold                                                                     |                            |                        |            |                    |
|                                       | c Gross profit or (loss)                                                                      |                            |                        |            |                    |
|                                       | 11 Other income                                                                               | <b>967,074.</b>            | <b>&lt;18,541.&gt;</b> |            | <b>Statement 3</b> |
|                                       | 12 Total. Add lines 1 through 11                                                              | <b>22,498,864.</b>         | <b>21,201,221.</b>     |            |                    |
|                                       | 13 Compensation of officers, directors, trustees, etc                                         | <b>883,580.</b>            | <b>328,960.</b>        |            | <b>553,620.</b>    |
|                                       | 14 Other employee salaries and wages                                                          | <b>1,891,179.</b>          | <b>92,830.</b>         |            | <b>1,798,239.</b>  |
|                                       | 15 Pension plans, employee benefits                                                           | <b>902,919.</b>            | <b>105,147.</b>        |            | <b>797,772.</b>    |
|                                       | 16a Legal fees <b>Stmt 4</b>                                                                  | <b>16,643.</b>             | <b>2,496.</b>          |            | <b>14,147.</b>     |
|                                       | b Accounting fees <b>Stmt 5</b>                                                               | <b>96,544.</b>             | <b>35,495.</b>         |            | <b>35,495.</b>     |
|                                       | c Other professional fees <b>Stmt 6</b>                                                       | <b>3,489,511.</b>          | <b>3,218,585.</b>      |            | <b>185,337.</b>    |
|                                       | 17 Interest                                                                                   |                            |                        |            |                    |
|                                       | 18 Taxes <b>Stmt 7</b>                                                                        | <b>&lt;116,154.&gt;</b>    | <b>0.</b>              |            | <b>0.</b>          |
|                                       | 19 Depreciation and depletion                                                                 | <b>391,886.</b>            | <b>58,783.</b>         |            |                    |
|                                       | 20 Occupancy                                                                                  | <b>342,022.</b>            | <b>51,303.</b>         |            | <b>290,719.</b>    |
|                                       | 21 Travel, conferences, and meetings                                                          | <b>859,658.</b>            | <b>24,669.</b>         |            | <b>746,393.</b>    |
|                                       | 22 Printing and publications                                                                  | <b>122,949.</b>            | <b>17,734.</b>         |            | <b>92,166.</b>     |
|                                       | 23 Other expenses <b>Stmt 8</b>                                                               | <b>888,305.</b>            | <b>62,102.</b>         |            | <b>686,013.</b>    |
|                                       | 24 Total operating and administrative expenses. Add lines 13 through 23                       | <b>9,769,042.</b>          | <b>3,998,104.</b>      |            | <b>5,199,901.</b>  |
|                                       | 25 Contributions, gifts, grants paid                                                          | <b>26,562,933.</b>         |                        |            | <b>31,540,554.</b> |
|                                       | 26 Total expenses and disbursements. Add lines 24 and 25                                      | <b>36,331,975.</b>         | <b>3,998,104.</b>      |            | <b>36,740,455.</b> |
|                                       | 27 Subtract line 26 from line 12:                                                             |                            |                        |            |                    |
|                                       | a Excess of revenue over expenses and disbursements                                           | <b>&lt;13,833,111.&gt;</b> |                        |            |                    |
|                                       | b Net investment income (if negative, enter -0-)                                              |                            | <b>17,203,117.</b>     |            |                    |
|                                       | c Adjusted net income (if negative, enter -0-)                                                |                            |                        | <b>N/A</b> |                    |

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LHA For Paperwork Reduction Act Notice, see instructions.

Form **990-PF** (2015)

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2015.05050 Burroughs Wellcome Fund

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| Part II Balance Sheets                                                                           |                                                                                                                                          | Attached schedules and amounts in the description column should be for end-of-year amounts only |                                                     |              |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------|
|                                                                                                  |                                                                                                                                          | Beginning of year<br>(a) Book Value                                                             | End of year<br>(b) Book Value (c) Fair Market Value |              |
| Assets                                                                                           | 1 Cash - non-interest-bearing                                                                                                            |                                                                                                 |                                                     |              |
|                                                                                                  | 2 Savings and temporary cash investments                                                                                                 | 20,589,376.                                                                                     | 20,303,882.                                         | 20,303,882.  |
|                                                                                                  | 3 Accounts receivable ▶ 54,543.                                                                                                          |                                                                                                 |                                                     |              |
|                                                                                                  | Less: allowance for doubtful accounts ▶                                                                                                  | 36,457.                                                                                         | 54,543.                                             | 54,543.      |
|                                                                                                  | 4 Pledges receivable ▶                                                                                                                   |                                                                                                 |                                                     |              |
|                                                                                                  | Less: allowance for doubtful accounts ▶                                                                                                  |                                                                                                 |                                                     |              |
|                                                                                                  | 5 Grants receivable                                                                                                                      |                                                                                                 |                                                     |              |
|                                                                                                  | 6 Receivables due from officers, directors, trustees, and other disqualified persons                                                     |                                                                                                 |                                                     |              |
|                                                                                                  | 7 Other notes and loans receivable ▶                                                                                                     |                                                                                                 |                                                     |              |
|                                                                                                  | Less: allowance for doubtful accounts ▶                                                                                                  |                                                                                                 |                                                     |              |
|                                                                                                  | 8 Inventories for sale or use                                                                                                            |                                                                                                 |                                                     |              |
|                                                                                                  | 9 Prepaid expenses and deferred charges                                                                                                  | 26,831.                                                                                         | 20,607.                                             | 20,607.      |
|                                                                                                  | 10a Investments - U.S. and state government obligations Stmt. 9                                                                          | 68,214,270.                                                                                     | 32,791,168.                                         | 32,791,168.  |
|                                                                                                  | b Investments - corporate stock Stmt. 10                                                                                                 | 306,991,058.                                                                                    | 495,030,060.                                        | 495,030,060. |
|                                                                                                  | c Investments - corporate bonds Stmt. 11                                                                                                 | 74,448,085.                                                                                     | 37,336,404.                                         | 37,336,404.  |
|                                                                                                  | Liabilities                                                                                                                              | 11 Investments - land, buildings, and equipment basis                                           |                                                     |              |
| Less accumulated depreciation                                                                    |                                                                                                                                          |                                                                                                 |                                                     |              |
| 12 Investments - mortgage loans                                                                  |                                                                                                                                          |                                                                                                 |                                                     |              |
| 13 Investments - other Stmt. 12                                                                  |                                                                                                                                          | 284,640,445.                                                                                    | 123,712,689.                                        | 123,712,689. |
| 14 Land, buildings, and equipment: basis ▶ 17,016,902.                                           |                                                                                                                                          |                                                                                                 |                                                     |              |
| Less accumulated depreciation Stmt. 13 ▶ 8,966,844.                                              |                                                                                                                                          | 8,378,233.                                                                                      | 8,050,058.                                          | 8,050,058.   |
| 15 Other assets (describe ▶ Statement 14)                                                        |                                                                                                                                          | 1,742,903.                                                                                      | 1,650,522.                                          | 1,650,522.   |
| 16 Total assets (to be completed by all filers - see the instructions. Also, see page 1, item i) |                                                                                                                                          | 765,067,658.                                                                                    | 718,949,933.                                        | 718,949,933. |
| 17 Accounts payable and accrued expenses                                                         |                                                                                                                                          | 41,410,388.                                                                                     | 5,419,366.                                          |              |
| 18 Grants payable                                                                                |                                                                                                                                          | 102,717,507.                                                                                    | 97,740,868.                                         |              |
| Net Assets or Fund Balances                                                                      | 19 Deferred revenue                                                                                                                      |                                                                                                 |                                                     |              |
|                                                                                                  | 20 Loans from officers, directors, trustees, and other disqualified persons                                                              |                                                                                                 |                                                     |              |
|                                                                                                  | 21 Mortgages and other notes payable                                                                                                     |                                                                                                 |                                                     |              |
|                                                                                                  | 22 Other liabilities (describe ▶ Statement 15)                                                                                           | 1,325,809.                                                                                      | 1,445,809.                                          |              |
| 23 Total liabilities (add lines 17 through 22)                                                   | 145,453,704.                                                                                                                             | 104,606,043.                                                                                    |                                                     |              |
| Net Assets or Fund Balances                                                                      | Foundations that follow SFAS 117, check here ▶ <input checked="" type="checkbox"/> and complete lines 24 through 26 and lines 30 and 31. |                                                                                                 |                                                     |              |
|                                                                                                  | 24 Unrestricted                                                                                                                          | 619,613,954.                                                                                    | 614,343,890.                                        |              |
|                                                                                                  | 25 Temporarily restricted                                                                                                                |                                                                                                 |                                                     |              |
|                                                                                                  | 26 Permanently restricted                                                                                                                |                                                                                                 |                                                     |              |
|                                                                                                  | Foundations that do not follow SFAS 117, check here ▶ <input type="checkbox"/> and complete lines 27 through 31.                         |                                                                                                 |                                                     |              |
|                                                                                                  | 27 Capital stock, trust principal, or current funds                                                                                      |                                                                                                 |                                                     |              |
|                                                                                                  | 28 Paid-in or capital surplus, or land, bldg., and equipment fund                                                                        |                                                                                                 |                                                     |              |
|                                                                                                  | 29 Retained earnings, accumulated income, endowment, or other funds                                                                      |                                                                                                 |                                                     |              |
| 30 Total net assets or fund balances                                                             | 619,613,954.                                                                                                                             | 614,343,890.                                                                                    |                                                     |              |
| 31 Total liabilities and net assets/fund balances                                                | 765,067,658.                                                                                                                             | 718,949,933.                                                                                    |                                                     |              |

## Part III Analysis of Changes in Net Assets or Fund Balances

|                                                                                                                                                                 |   |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------|
| 1 Total net assets or fund balances at beginning of year - Part II, column (a), line 30<br>(must agree with end-of-year figure reported on prior year's return) | 1 | 619,613,954.  |
| 2 Enter amount from Part I, line 27a                                                                                                                            | 2 | <13,833,111.> |
| 3 Other increases not included in line 2 (itemize) ▶ Unrealized Gain on Investments                                                                             | 3 | 8,683,047.    |
| 4 Add lines 1, 2, and 3                                                                                                                                         | 4 | 614,463,890.  |
| 5 Decreases not included in line 2 (itemize) ▶ Deferred Excise Tax                                                                                              | 5 | 120,000.      |
| 6 Total net assets or fund balances at end of year (line 4 minus line 5) - Part II, column (b), line 30                                                         | 6 | 614,343,890.  |

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**Part IV Capital Gains and Losses for Tax on Investment Income**

| (a) List and describe the kind(s) of property sold (e.g., real estate, 2-story brick warehouse; or common stock, 200 shs. MLC Co.) | (b) How acquired<br>P - Purchase<br>D - Donation | (c) Date acquired<br>(mo., day, yr.) | (d) Date sold<br>(mo., day, yr.) |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------|----------------------------------|
| <b>1a Sale of Publicly Traded Securities</b>                                                                                       | P                                                | Various                              | Various                          |
| <b>b Flow Through from K-1's</b>                                                                                                   | P                                                | Various                              | Various                          |
| <b>c Flow through from final K-1</b>                                                                                               | P                                                | Various                              | Various                          |
| d                                                                                                                                  |                                                  |                                      |                                  |
| e                                                                                                                                  |                                                  |                                      |                                  |

  

| (e) Gross sales price | (f) Depreciation allowed<br>(or allowable) | (g) Cost or other basis<br>plus expense of sale | (h) Gain or (loss)<br>(e) plus (f) minus (g) |
|-----------------------|--------------------------------------------|-------------------------------------------------|----------------------------------------------|
| a 2,252,601,119.      |                                            | 2,242,908,407.                                  | 9,692,712.                                   |
| b                     |                                            | 438,048.                                        | <438,048.>                                   |
| c 82,170.             |                                            |                                                 | 82,170.                                      |
| d                     |                                            |                                                 |                                              |
| e                     |                                            |                                                 |                                              |

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69

| (i) F.M.V. as of 12/31/69 | (j) Adjusted basis<br>as of 12/31/69 | (k) Excess of col. (i)<br>over col. (j), if any | (l) Gains (Col. (h) gain minus<br>col. (k), but not less than -0-) or<br>Losses (from col. (h)) |
|---------------------------|--------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------|
| a                         |                                      |                                                 | 9,692,712.                                                                                      |
| b                         |                                      |                                                 | <438,048.>                                                                                      |
| c                         |                                      |                                                 | 82,170.                                                                                         |
| d                         |                                      |                                                 |                                                                                                 |
| e                         |                                      |                                                 |                                                                                                 |

  

|                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                           |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 2 Capital gain net income or (net capital loss)                                                                                                                                 | <div style="display: flex; align-items: center;"> <div style="border-left: 1px solid black; padding-left: 5px;">           If gain, also enter in Part I, line 7<br/>           If (loss), enter -0- in Part I, line 7         </div> <div style="margin-left: 10px;">           2           <div style="border-bottom: 1px solid black; width: 100px;"></div> </div> </div>              | 9,336,834. |
| 3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6):<br>If gain, also enter in Part I, line 8, column (c).<br>If (loss), enter -0- in Part I, line 8 | <div style="display: flex; align-items: center;"> <div style="border-left: 1px solid black; padding-left: 5px;">           If gain, also enter in Part I, line 8, column (c).<br/>           If (loss), enter -0- in Part I, line 8         </div> <div style="margin-left: 10px;">           3           <div style="border-bottom: 1px solid black; width: 100px;"></div> </div> </div> | N/A        |

**Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income**

(For optional use by domestic private foundations subject to the section 4940(a) tax on net investment income.)

If section 4940(d)(2) applies, leave this part blank.

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period? ☐ Yes ☒ No

If "Yes," the foundation does not qualify under section 4940(e). Do not complete this part.

1 Enter the appropriate amount in each column for each year; see the instructions before making any entries.

| (a) Base period years<br>Calendar year (or tax year beginning in) | (b) Adjusted qualifying distributions | (c) Net value of noncharitable-use assets | (d) Distribution ratio<br>(col. (b) divided by col. (c)) |
|-------------------------------------------------------------------|---------------------------------------|-------------------------------------------|----------------------------------------------------------|
| 2014                                                              | 39,969,830.                           | 744,748,743.                              | .053669                                                  |
| 2013                                                              | 33,697,141.                           | 737,753,557.                              | .045675                                                  |
| 2012                                                              | 32,825,429.                           | 677,551,480.                              | .048447                                                  |
| 2011                                                              | 34,673,353.                           | 635,850,595.                              | .054531                                                  |
| 2010                                                              | 37,351,805.                           | 674,998,231.                              | .055336                                                  |

  

|                                                                                                                                                                                                                         |   |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------|
| 2 Total of line 1, column (d)                                                                                                                                                                                           | 2 | .257658      |
| 3 Average distribution ratio for the 5-year base period - divide the total on line 2 by 5, or by the number of years the foundation has been in existence if less than 5 years                                          | 3 | .051532      |
| 4 Enter the net value of noncharitable-use assets for 2015 from Part X, line 5                                                                                                                                          | 4 | 687,855,301. |
| 5 Multiply line 4 by line 3                                                                                                                                                                                             | 5 | 35,446,559.  |
| 6 Enter 1% of net investment income (1% of Part I, line 27b)                                                                                                                                                            | 6 | 172,031.     |
| 7 Add lines 5 and 6                                                                                                                                                                                                     | 7 | 35,618,590.  |
| 8 Enter qualifying distributions from Part XII, line 4<br>If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate.<br>See the Part VI instructions. | 8 | 36,794,611.  |

**Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948 - see instructions)**

|                                                                                                                                                                                                                                        |    |          |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------|----------|
| 1a Exempt operating foundations described in section 4940(d)(2), check here <input type="checkbox"/> and enter "N/A" on line 1.<br>Date of ruling or determination letter: _____ (attach copy of letter if necessary-see instructions) |    |          |          |
| b Domestic foundations that meet the section 4940(e) requirements in Part V, check here <input checked="" type="checkbox"/> and enter 1% of Part I, line 27b                                                                           |    | 1        | 172,031. |
| c All other domestic foundations enter 2% of line 27b. Exempt foreign organizations enter 4% of Part I, line 12, col. (b).                                                                                                             |    |          |          |
| 2 Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)                                                                                                                            |    | 2        | 0.       |
| 3 Add lines 1 and 2                                                                                                                                                                                                                    |    | 3        | 172,031. |
| 4 Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)                                                                                                                          |    | 4        | 0.       |
| 5 Tax based on investment income. Subtract line 4 from line 3. If zero or less, enter -0-                                                                                                                                              |    | 5        | 172,031. |
| 6 Credits/Payments:                                                                                                                                                                                                                    |    |          |          |
| a 2015 estimated tax payments and 2014 overpayment credited to 2015                                                                                                                                                                    | 6a | 770,154. |          |
| b Exempt foreign organizations - tax withheld at source                                                                                                                                                                                | 6b |          |          |
| c Tax paid with application for extension of time to file (Form 8868)                                                                                                                                                                  | 6c |          |          |
| d Backup withholding erroneously withheld                                                                                                                                                                                              | 6d |          |          |
| 7 Total credits and payments Add lines 6a through 6d                                                                                                                                                                                   | 7  | 770,154. |          |
| 8 Enter any penalty for underpayment of estimated tax. Check here <input checked="" type="checkbox"/> if Form 2220 is attached                                                                                                         | 8  |          |          |
| 9 Tax due If the total of lines 5 and 8 is more than line 7, enter amount owed                                                                                                                                                         | 9  |          |          |
| 10 Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid                                                                                                                                           | 10 | 598,123. |          |
| 11 Enter the amount of line 10 to be: Credited to 2016 estimated tax                                                                                                                                                                   | 11 | 0.       |          |

**Part VII-A Statements Regarding Activities**

|                                                                                                                                                                                                                                                                                                                                                | Yes | No |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 1a During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign?                                                                                                                                                                        |     | X  |
| 1b Did it spend more than \$100 during the year (either directly or indirectly) for political purposes (see instructions for the definition)?<br>If the answer is "Yes" to 1a or 1b, attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities. |     | X  |
| 1c Did the foundation file Form 1120-POL for this year?                                                                                                                                                                                                                                                                                        |     | X  |
| d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year:<br>(1) On the foundation. \$ 0. (2) On foundation managers. \$ 0.                                                                                                                                                                         |     |    |
| e Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers. \$ 0.                                                                                                                                                                                                  |     |    |
| 2 Has the foundation engaged in any activities that have not previously been reported to the IRS?<br>If "Yes," attach a detailed description of the activities.                                                                                                                                                                                |     | X  |
| 3 Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? If "Yes," attach a conformed copy of the changes                                                                                                                   |     | X  |
| 4a Did the foundation have unrelated business gross income of \$1,000 or more during the year?                                                                                                                                                                                                                                                 |     | X  |
| 4b If "Yes," has it filed a tax return on Form 990-T for this year? N/A                                                                                                                                                                                                                                                                        |     |    |
| 5 Was there a liquidation, termination, dissolution, or substantial contraction during the year?<br>If "Yes," attach the statement required by General Instruction T.                                                                                                                                                                          |     | X  |
| 6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either:<br>• By language in the governing instrument, or<br>• By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?           | X   |    |
| 7 Did the foundation have at least \$5,000 in assets at any time during the year? If "Yes," complete Part II, col. (c), and Part XV                                                                                                                                                                                                            | X   |    |
| 8a Enter the states to which the foundation reports or with which it is registered (see instructions) NC                                                                                                                                                                                                                                       |     |    |
| b If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by General Instruction G? If "No," attach explanation                                                                                                                                  | X   |    |
| 9 Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2015 or the taxable year beginning in 2015 (see instructions for Part XIV)? If "Yes," complete Part XIV                                                                                         |     | X  |
| 10 Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses                                                                                                                                                                                                          |     | X  |

**Part VII-A Statements Regarding Activities (continued)**

|                                                                                                                                                                                                    | Yes | No  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 11 At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule (see instructions) .....   | 11  | X   |
| 12 Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement (see instructions) .....  | 12  | X   |
| 13 Did the foundation comply with the public inspection requirements for its annual returns and exemption application? .....                                                                       | 13  | X   |
| Website address ► <u>www.bwfund.org</u>                                                                                                                                                            |     |     |
| 14 The books are in care of ► <u>Burroughs Wellcome Fund</u> Telephone no. ► <u>919-991-5100</u>                                                                                                   |     |     |
| Located at ► <u>21 T. W. Alexander Drive, RTP, NC</u> ZIP+4 ► <u>27709-3901</u>                                                                                                                    |     |     |
| 15 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 - Check here .....                                                                                       | 15  | N/A |
| and enter the amount of tax-exempt interest received or accrued during the year .....                                                                                                              |     |     |
| 16 At any time during calendar year 2015, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country? ..... | 16  | X   |
| See the instructions for exceptions and filing requirements for FinCEN Form 114. If "Yes," enter the name of the foreign country ► .....                                                           |     |     |

**Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required**

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Yes | No  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 1a During the year did the foundation (either directly or indirectly):                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |
| (1) Engage in the sale or exchange, or leasing of property with a disqualified person? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                              |     |     |
| (2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                                                      |     |     |
| (3) Furnish goods, services, or facilities to (or accept them from) a disqualified person? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                          |     |     |
| (4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                |     |     |
| (5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                       |     |     |
| (6) Agree to pay money or property to a government official? (Exception. Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                     |     |     |
| b If any answer is "Yes" to 1a(1)-(6), did any of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance (see instructions)? .....                                                                                                                                                                                                                                                                            | 1b  | X   |
| Organizations relying on a current notice regarding disaster assistance check here .....                                                                                                                                                                                                                                                                                                                                                                                                                |     |     |
| c Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2015? .....                                                                                                                                                                                                                                                                                                         | 1c  | X   |
| 2 Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5)):                                                                                                                                                                                                                                                                                                                        |     |     |
| a At the end of tax year 2015, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2015? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                 |     |     |
| If "Yes," list the years ► .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |
| b Are there any years listed in 2a for which the foundation is not applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to all years listed, answer "No" and attach statement - see instructions.) .....                                                                                                                                                                                       | 2b  | N/A |
| c If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here. ....                                                                                                                                                                                                                                                                                                                                                                                 |     |     |
| 3a Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                       |     |     |
| b If "Yes," did it have excess business holdings in 2015 as a result of (1) any purchase by the foundation or disqualified persons after May 26, 1969; (2) the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest; or (3) the lapse of the 10-, 15-, or 20-year first phase holding period? (Use Schedule C, Form 4720, to determine if the foundation had excess business holdings in 2015.) ..... | 3b  | X   |
| 4a Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes? .....                                                                                                                                                                                                                                                                                                                                                                                | 4a  | X   |
| b Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2015? .....                                                                                                                                                                                                                                                               | 4b  | X   |

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**Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required** (continued)

5a During the year did the foundation pay or incur any amount to:

- (1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))? ☐ Yes ☒ No
- (2) Influence the outcome of any specific public election (see section 4955); or to carry on, directly or indirectly, any voter registration drive? ☐ Yes ☒ No
- (3) Provide a grant to an individual for travel, study, or other similar purposes? ☒ Yes ☐ No
- (4) Provide a grant to an organization other than a charitable, etc., organization described in section 4945(d)(4)(A)? (see instructions) ☐ Yes ☒ No
- (5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals? ☐ Yes ☒ No

b If any answer is "Yes" to 5a(1)-(5), did any of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance (see instructions)?

Organizations relying on a current notice regarding disaster assistance check here ☐c If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant? **N/A** ☐ Yes ☐ No

If "Yes," attach the statement required by Regulations section 53.4945-5(d).

6a Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? ☐ Yes ☒ Nob Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract? ☐ Yes ☒ No

If "Yes" to 6b, file Form 8870

7a At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction? ☐ Yes ☒ Nob If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction? **N/A****Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors**

1 List all officers, directors, trustees, foundation managers and their compensation.

| (a) Name and address             | (b) Title, and average hours per week devoted to position | (c) Compensation (If not paid, enter -0-) | (d) Contributions to employee benefit plans and deferred compensation | (e) Expense account, other allowances |
|----------------------------------|-----------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|---------------------------------------|
| John Burris                      | President - Director                                      |                                           |                                                                       |                                       |
| 21 T.W. Alexander Drive          |                                                           |                                           |                                                                       |                                       |
| RTP, NC 27709-3901               | 38.00                                                     | 438,120.                                  | 57,904.                                                               | 0.                                    |
| Scott Schoedler                  | V.P. Finance                                              |                                           |                                                                       |                                       |
| 21 T.W. Alexander Drive          |                                                           |                                           |                                                                       |                                       |
| RTP, NC 27709-3901               | 38.00                                                     | 328,960.                                  | 58,361.                                                               | 0.                                    |
| Please see attached schedule #16 |                                                           |                                           |                                                                       |                                       |
| 21 T.W. Alexander Drive          |                                                           |                                           |                                                                       |                                       |
| RTP, NC 27709-3901               | 0.00                                                      | 116,500.                                  | 0.                                                                    | 0.                                    |
|                                  |                                                           |                                           |                                                                       |                                       |
|                                  |                                                           |                                           |                                                                       |                                       |

2 Compensation of five highest-paid employees (other than those included on line 1). If none, enter "NONE."

| (a) Name and address of each employee paid more than \$50,000   | (b) Title, and average hours per week devoted to position | (c) Compensation | (d) Contributions to employee benefit plans and deferred compensation | (e) Expense account, other allowances |
|-----------------------------------------------------------------|-----------------------------------------------------------|------------------|-----------------------------------------------------------------------|---------------------------------------|
| Ken Browndorf - 21 T.W. Alexander Drive, RTP, NC 27709-3901     | 38.00                                                     | 135,520.         | 38,892.                                                               | 0.                                    |
| Victoria McGovern - 21 T.W. Alexander Drive, RTP, NC 27709-3901 | 38.00                                                     | 130,740.         | 30,368.                                                               | 0.                                    |
| Rusty Kelley - 21 T.W. Alexander Drive, RTP, NC 27709-3901      | 38.00                                                     | 109,520.         | 36,208.                                                               | 0.                                    |
| Rolly Simpson - 21 T.W. Alexander Drive, RTP, NC 27709-3901     | 38.00                                                     | 107,380.         | 33,788.                                                               | 0.                                    |
| Alfred Mays - 21 T.W. Alexander Drive, RTP, NC 27709-3901       | 38.00                                                     | 97,850.          | 24,497.                                                               | 0.                                    |
| Total number of other employees paid over \$50,000              |                                                           |                  |                                                                       | 13                                    |

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**Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors** (continued)

**3 Five highest-paid independent contractors for professional services. If none, enter "NONE."**

| (a) Name and address of each person paid more than \$50,000              | (b) Type of service | (c) Compensation |
|--------------------------------------------------------------------------|---------------------|------------------|
| State Street Inc                                                         |                     |                  |
| 1 Lincoln Street, Boston, MA 02111                                       | Banking Custodial   | 482,261.         |
| WCM Investment Management                                                |                     |                  |
| 281 Brooks Street, Laguna Beach, CA 92651                                | Money Management    | 458,538.         |
| Capital Guardian Trust Co                                                |                     |                  |
| 333 S. Hope Street, Los Angeles, CA 90071                                | Money Management    | 286,199.         |
| Johnston Asset Management                                                |                     |                  |
| 1 Landmark Square, Stamford, CT 06901                                    | Money Management    | 245,172.         |
| LSV Asset Management                                                     |                     |                  |
| 155 North Wacker Drive, Chicago, IL 60606                                | Money Management    | 241,300.         |
| Total number of others receiving over \$50,000 for professional services |                     | 13               |

**Part IX-A Summary of Direct Charitable Activities**

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc.

|       | Expenses |
|-------|----------|
| 1 N/A |          |
| 2     |          |
| 3     |          |
| 4     |          |

**Part IX-B Summary of Program-Related Investments**

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2.

|                                                            | Amount |
|------------------------------------------------------------|--------|
| 1 N/A                                                      |        |
| 2                                                          |        |
| 3 All other program-related investments. See instructions. |        |
| Total. Add lines 1 through 3                               | 0.     |

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**Part X****Minimum Investment Return** (All domestic foundations must complete this part. Foreign foundations, see instructions.)

|   |                                                                                                             |    |              |
|---|-------------------------------------------------------------------------------------------------------------|----|--------------|
| 1 | Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes: |    |              |
| a | Average monthly fair market value of securities                                                             | 1a | 694,196,762. |
| b | Average of monthly cash balances                                                                            | 1b | 1,580,958.   |
| c | Fair market value of all other assets                                                                       | 1c | 2,552,535.   |
| d | <b>Total</b> (add lines 1a, b, and c)                                                                       | 1d | 698,330,255. |
| e | Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation)   | 1e | 0.           |
| 2 | Acquisition indebtedness applicable to line 1 assets                                                        | 2  | 0.           |
| 3 | Subtract line 2 from line 1d                                                                                | 3  | 698,330,255. |
| 4 | Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)   | 4  | 10,474,954.  |
| 5 | <b>Net value of noncharitable-use assets.</b> Subtract line 4 from line 3. Enter here and on Part V, line 4 | 5  | 687,855,301. |
| 6 | <b>Minimum investment return.</b> Enter 5% of line 5                                                        | 6  | 34,392,765.  |

**Part XI****Distributable Amount** (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations check here ☐ and do not complete this part.)

|    |                                                                                                           |    |             |
|----|-----------------------------------------------------------------------------------------------------------|----|-------------|
| 1  | Minimum investment return from Part X, line 6                                                             | 1  | 34,392,765. |
| 2a | Tax on investment income for 2015 from Part VI, line 5                                                    | 2a | 172,031.    |
| b  | Income tax for 2015. (This does not include the tax from Part VI.)                                        | 2b |             |
| c  | Add lines 2a and 2b                                                                                       | 2c | 172,031.    |
| 3  | Distributable amount before adjustments. Subtract line 2c from line 1                                     | 3  | 34,220,734. |
| 4  | Recoveries of amounts treated as qualifying distributions                                                 | 4  | 967,074.    |
| 5  | Add lines 3 and 4                                                                                         | 5  | 35,187,808. |
| 6  | Deduction from distributable amount (see instructions)                                                    | 6  | 0.          |
| 7  | <b>Distributable amount as adjusted.</b> Subtract line 6 from line 5. Enter here and on Part XIII, line 1 | 7  | 35,187,808. |

**Part XII****Qualifying Distributions** (see instructions)

|   |                                                                                                                                   |    |             |
|---|-----------------------------------------------------------------------------------------------------------------------------------|----|-------------|
| 1 | Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes:                                        |    |             |
| a | Expenses, contributions, gifts, etc. - total from Part I, column (d), line 26                                                     | 1a | 36,740,455. |
| b | Program-related investments - total from Part IX-B                                                                                | 1b | 0.          |
| 2 | Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes                         | 2  | 54,156.     |
| 3 | Amounts set aside for specific charitable projects that satisfy the:                                                              |    |             |
| a | Suitability test (prior IRS approval required)                                                                                    | 3a |             |
| b | Cash distribution test (attach the required schedule)                                                                             | 3b |             |
| 4 | <b>Qualifying distributions.</b> Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4                 | 4  | 36,794,611. |
| 5 | Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b | 5  | 172,031.    |
| 6 | <b>Adjusted qualifying distributions.</b> Subtract line 5 from line 4                                                             | 6  | 36,622,580. |

**Note.** The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years.

**Part XIII** Undistributed Income (see instructions)

|                                                                                                                                                                            | (a)<br>Corpus | (b)<br>Years prior to 2014 | (c)<br>2014 | (d)<br>2015 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------|-------------|-------------|
| 1 Distributable amount for 2015 from Part XI, line 7                                                                                                                       |               |                            |             | 35,187,808. |
| 2 Undistributed income, if any, as of the end of 2015                                                                                                                      |               |                            |             |             |
| a Enter amount for 2014 only                                                                                                                                               |               |                            | 8,814,308.  |             |
| b Total for prior years:                                                                                                                                                   |               | 0.                         |             |             |
| 3 Excess distributions carryover, if any, to 2015:                                                                                                                         |               |                            |             |             |
| a From 2010                                                                                                                                                                |               |                            |             |             |
| b From 2011                                                                                                                                                                |               |                            |             |             |
| c From 2012                                                                                                                                                                |               |                            |             |             |
| d From 2013                                                                                                                                                                |               |                            |             |             |
| e From 2014                                                                                                                                                                |               |                            |             |             |
| f Total of lines 3a through e                                                                                                                                              | 0.            |                            |             |             |
| 4 Qualifying distributions for 2015 from Part XII, line 4: <b>\$ 36,794,611.</b>                                                                                           |               |                            |             |             |
| a Applied to 2014, but not more than line 2a                                                                                                                               |               |                            | 8,814,308.  |             |
| b Applied to undistributed income of prior years (Election required - see instructions)                                                                                    |               | 0.                         |             |             |
| c Treated as distributions out of corpus (Election required - see instructions)                                                                                            | 0.            |                            |             |             |
| d Applied to 2015 distributable amount                                                                                                                                     |               |                            |             | 27,980,303. |
| e Remaining amount distributed out of corpus                                                                                                                               | 0.            |                            |             |             |
| 5 Excess distributions carryover applied to 2015 (If an amount appears in column (d), the same amount must be shown in column (a).)                                        | 0.            |                            |             | 0.          |
| 6 Enter the net total of each column as indicated below:                                                                                                                   |               |                            |             |             |
| a Corpus. Add lines 3f, 4c, and 4e. Subtract line 5                                                                                                                        | 0.            |                            |             |             |
| b Prior years' undistributed income. Subtract line 4b from line 2b                                                                                                         |               | 0.                         |             |             |
| c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed |               | 0.                         |             |             |
| d Subtract line 6c from line 6b. Taxable amount - see instructions                                                                                                         |               | 0.                         |             |             |
| e Undistributed income for 2014. Subtract line 4a from line 2a. Taxable amount - see instr.                                                                                |               |                            | 0.          |             |
| f Undistributed income for 2015. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2016                                                              |               |                            |             | 7,207,505.  |
| 7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (Election may be required - see instructions)       | 0.            |                            |             |             |
| 8 Excess distributions carryover from 2010 not applied on line 5 or line 7                                                                                                 | 0.            |                            |             |             |
| 9 Excess distributions carryover to 2016. Subtract lines 7 and 8 from line 6a                                                                                              | 0.            |                            |             |             |
| 10 Analysis of line 9:                                                                                                                                                     |               |                            |             |             |
| a Excess from 2011                                                                                                                                                         |               |                            |             |             |
| b Excess from 2012                                                                                                                                                         |               |                            |             |             |
| c Excess from 2013                                                                                                                                                         |               |                            |             |             |
| d Excess from 2014                                                                                                                                                         |               |                            |             |             |
| e Excess from 2015                                                                                                                                                         |               |                            |             |             |

**Part XIV Private Operating Foundations** (see instructions and Part VII-A, question 9)

N/A

1 a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2015, enter the date of the ruling ▶

b Check box to indicate whether the foundation is a private operating foundation described in section ☐ 4942(j)(3) or ☐ 4942(j)(5)

|                                                                                                                                                   | Prior 3 years |          |          |          | (e) Total |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|----------|-----------|
|                                                                                                                                                   | (a) 2015      | (b) 2014 | (c) 2013 | (d) 2012 |           |
| 2 a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed                     |               |          |          |          |           |
| b 85% of line 2a                                                                                                                                  |               |          |          |          |           |
| c Qualifying distributions from Part XII, line 4 for each year listed                                                                             |               |          |          |          |           |
| d Amounts included in line 2c not used directly for active conduct of exempt activities                                                           |               |          |          |          |           |
| e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c                                   |               |          |          |          |           |
| 3 Complete 3a, b, or c for the alternative test relied upon:                                                                                      |               |          |          |          |           |
| a "Assets" alternative test - enter:                                                                                                              |               |          |          |          |           |
| (1) Value of all assets                                                                                                                           |               |          |          |          |           |
| (2) Value of assets qualifying under section 4942(j)(3)(B)(i)                                                                                     |               |          |          |          |           |
| b "Endowment" alternative test - enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed                              |               |          |          |          |           |
| c "Support" alternative test - enter:                                                                                                             |               |          |          |          |           |
| (1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties) |               |          |          |          |           |
| (2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii)                                      |               |          |          |          |           |
| (3) Largest amount of support from an exempt organization                                                                                         |               |          |          |          |           |
| (4) Gross investment income                                                                                                                       |               |          |          |          |           |

**Part XV Supplementary Information** (Complete this part only if the foundation had \$5,000 or more in assets at any time during the year-see instructions.)**1 Information Regarding Foundation Managers:**

a List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than \$5,000). (See section 507(d)(2).)

None

b List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest.

None

**2 Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:**

Check here ☐ if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc. (see instructions) to individuals or organizations under other conditions, complete items 2a, b, c, and d.

a The name, address, and telephone number or e-mail address of the person to whom applications should be addressed:

**Burroughs Wellcome Fund, 919-991-5100**  
**21 T. W. Alexander Drive, RTP, NC 27709**

b The form in which applications should be submitted and information and materials they should include:

Please See Statement #17

c Any submission deadlines:

Please See Statement #17

d Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors:

Please See Statement #17

**Part XV** Supplementary Information (continued)**3 Grants and Contributions Paid During the Year or Approved for Future Payment**

| Recipient<br>Name and address (home or business) | If recipient is an individual,<br>show any relationship to<br>any foundation manager<br>or substantial contributor | Foundation<br>status of<br>recipient | Purpose of grant or<br>contribution | Amount             |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------|--------------------|
| a Paid during the year                           |                                                                                                                    |                                      |                                     |                    |
| Various Please see Statement #18                 |                                                                                                                    |                                      |                                     | 25,641,351.        |
| Various Please see Statement #18                 |                                                                                                                    |                                      |                                     | 5,899,203.         |
| <b>Total</b>                                     |                                                                                                                    |                                      | ▶ <b>3a</b>                         | <b>31,540,554.</b> |
| b Approved for future payment                    |                                                                                                                    |                                      |                                     |                    |
| Various Please see Statement #19                 |                                                                                                                    |                                      |                                     | 22,838,555.        |
| Various Please see Statement #19                 |                                                                                                                    |                                      |                                     | 2,714,892.         |
| <b>Total</b>                                     |                                                                                                                    |                                      | ▶ <b>3b</b>                         | <b>25,553,447.</b> |

**Part XVI-A Analysis of Income-Producing Activities**

Enter gross amounts unless otherwise indicated.

| Enter gross amounts unless otherwise indicated. |                                                             | Unrelated business income |               | Excluded by section 512, 513, or 514 |               | (e)<br>Related or exempt<br>function income |             |
|-------------------------------------------------|-------------------------------------------------------------|---------------------------|---------------|--------------------------------------|---------------|---------------------------------------------|-------------|
|                                                 |                                                             | (a)<br>Business<br>code   | (b)<br>Amount | (c)<br>Exclu-<br>sion<br>code        | (d)<br>Amount |                                             |             |
| 1                                               | Program service revenue:                                    |                           |               |                                      |               |                                             |             |
| a                                               |                                                             |                           |               |                                      |               |                                             |             |
| b                                               |                                                             |                           |               |                                      |               |                                             |             |
| c                                               |                                                             |                           |               |                                      |               |                                             |             |
| d                                               |                                                             |                           |               |                                      |               |                                             |             |
| e                                               |                                                             |                           |               |                                      |               |                                             |             |
| f                                               |                                                             |                           |               |                                      |               |                                             |             |
| g                                               | Fees and contracts from government agencies                 |                           |               |                                      |               |                                             |             |
| 2                                               | Membership dues and assessments                             |                           |               |                                      |               |                                             |             |
| 3                                               | Interest on savings and temporary cash<br>investments       |                           |               | 14                                   | 2,465.        |                                             |             |
| 4                                               | Dividends and interest from securities                      |                           |               | 14                                   | 11,836,613.   |                                             |             |
| 5                                               | Net rental income or (loss) from real estate:               |                           |               |                                      |               |                                             |             |
| a                                               | Debt-financed property                                      |                           |               |                                      |               |                                             |             |
| b                                               | Not debt-financed property                                  |                           |               |                                      |               |                                             |             |
| 6                                               | Net rental income or (loss) from personal<br>property       |                           |               |                                      |               |                                             |             |
| 7                                               | Other investment income                                     |                           |               |                                      |               |                                             | 0.          |
| 8                                               | Gain or (loss) from sales of assets other<br>than inventory |                           |               | 18                                   | 9,692,712.    |                                             |             |
| 9                                               | Net income or (loss) from special events                    |                           |               |                                      |               |                                             |             |
| 10                                              | Gross profit or (loss) from sales of inventory              |                           |               |                                      |               |                                             |             |
| 11                                              | Other revenue:                                              |                           |               |                                      |               |                                             |             |
| a                                               | <b>Grant Funds Returned</b>                                 |                           |               |                                      |               |                                             | 967,074.    |
| b                                               |                                                             |                           |               |                                      |               |                                             |             |
| c                                               |                                                             |                           |               |                                      |               |                                             |             |
| d                                               |                                                             |                           |               |                                      |               |                                             |             |
| e                                               |                                                             |                           |               |                                      |               |                                             |             |
| 12                                              | Subtotal. Add columns (b), (d), and (e)                     |                           | 0.            |                                      | 21,531,790.   |                                             | 967,074.    |
| 13                                              | Total. Add line 12, columns (b), (d), and (e)               |                           |               |                                      |               |                                             | 22,498,864. |

(See worksheet in line 13 instructions to verify calculations.)

**Part XVI-B Relationship of Activities to the Accomplishment of Exempt Purposes**

[illegible]



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Form 990-PF Interest on Savings and Temporary Cash Investments Statement 1

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| Source                  | (a)<br>Revenue<br>Per Books | (b)<br>Net Investment<br>Income | (c)<br>Adjusted<br>Net Income |
|-------------------------|-----------------------------|---------------------------------|-------------------------------|
| Checking Account        | 2,465.                      | 2,465.                          |                               |
| Total to Part I, line 3 | 2,465.                      | 2,465.                          |                               |

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|             |                                        |           |   |
|-------------|----------------------------------------|-----------|---|
| Form 990-PF | Dividends and Interest from Securities | Statement | 2 |
|-------------|----------------------------------------|-----------|---|

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| Source                      | Gross<br>Amount | Capital<br>Gains<br>Dividends | (a)<br>Revenue<br>Per Books | (b)<br>Net Invest-<br>ment Income | (c)<br>Adjusted<br>Net Income |
|-----------------------------|-----------------|-------------------------------|-----------------------------|-----------------------------------|-------------------------------|
| Flow throughs from<br>K-1's | 0.              | 0.                            | 0.                          | 43,850.                           |                               |
| Interest &<br>Dividends     | 11,836,613.     | 0.                            | 11,836,613.                 | 11,836,613.                       |                               |
| To Part I, line 4           | 11,836,613.     | 0.                            | 11,836,613.                 | 11,880,463.                       |                               |

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Form 990-PF

Other Income

Statement 3

| Description                           | (a)                  | (b)                        | (c)                    |
|---------------------------------------|----------------------|----------------------------|------------------------|
|                                       | Revenue<br>Per Books | Net Invest-<br>ment Income | Adjusted<br>Net Income |
| Partnership Income                    | 0.                   | <18,541.>                  |                        |
| Grant Funds Returned                  | 967,074.             | 0.                         |                        |
| Total to Form 990-PF, Part I, line 11 | 967,074.             | <18,541.>                  |                        |

Form 990-PF

Legal Fees

Statement

4

| Description                | (a)<br>Expenses<br>Per Books | (b)<br>Net Invest-<br>ment Income | (c)<br>Adjusted<br>Net Income | (d)<br>Charitable<br>Purposes |
|----------------------------|------------------------------|-----------------------------------|-------------------------------|-------------------------------|
| Legal                      | 16,643.                      | 2,496.                            |                               | 14,147.                       |
| To Fm 990-PF, Pg 1, ln 16a | 16,643.                      | 2,496.                            |                               | 14,147.                       |

Form 990-PF

Accounting Fees

Statement

5

| Description                  | (a)<br>Expenses<br>Per Books | (b)<br>Net Invest-<br>ment Income | (c)<br>Adjusted<br>Net Income | (d)<br>Charitable<br>Purposes |
|------------------------------|------------------------------|-----------------------------------|-------------------------------|-------------------------------|
| PricewaterhouseCoopers LLP   | 96,544.                      | 35,495.                           |                               | 35,495.                       |
| To Form 990-PF, Pg 1, ln 16b | 96,544.                      | 35,495.                           |                               | 35,495.                       |

Form 990-PF

Other Professional Fees

Statement 6

| Description                  | (a)<br>Expenses<br>Per Books | (b)<br>Net Invest-<br>ment Income | (c)<br>Adjusted<br>Net Income | (d)<br>Charitable<br>Purposes |
|------------------------------|------------------------------|-----------------------------------|-------------------------------|-------------------------------|
| Investment Expense           | 3,218,585.                   | 3,218,585.                        |                               | 0.                            |
| Consulting                   | 270,926.                     | 0.                                |                               | 185,337.                      |
| To Form 990-PF, Pg 1, ln 16c | 3,489,511.                   | 3,218,585.                        |                               | 185,337.                      |

Form 990-PF

Taxes

Statement 7

| Description                      | (a)<br>Expenses<br>Per Books | (b)<br>Net Invest-<br>ment Income | (c)<br>Adjusted<br>Net Income | (d)<br>Charitable<br>Purposes |
|----------------------------------|------------------------------|-----------------------------------|-------------------------------|-------------------------------|
| Federal Excise Tax               | <115,962.>                   | 0.                                |                               | 0.                            |
| Unrelated Business Income<br>Tax | <192.>                       | 0.                                |                               | 0.                            |
| To Form 990-PF, Pg 1, ln 18      | <116,154.>                   | 0.                                |                               | 0.                            |

**990-PF Other Expenses  
for FY 2016**

**Statement #8**

| <b>Description</b>                        | <b>Expenses<br/>Per Books</b> | <b>Net Invest-<br/>ment Income</b> | <b>Adjusted<br/>Net Income</b> | <b>Charitable<br/>Puposes</b> |
|-------------------------------------------|-------------------------------|------------------------------------|--------------------------------|-------------------------------|
| Office / Administrative                   | 87,965                        | 6,594                              |                                | 79,672                        |
| Telephone / Information Technology        | 249,132                       | 29,504                             |                                | 167,192                       |
| Staff Development                         | 87,813                        | 13,153                             |                                | 74,535                        |
| General Insurance                         | 29,895                        | 4,484                              |                                | 25,411                        |
| Miscellaneous Expense                     | 84,340                        | 1,531                              |                                | 10,618                        |
| Advertising                               | 59,310                        | 6,836                              |                                | 38,735                        |
| Honoraria paid to non-disqualified people | 289,850                       |                                    |                                | 289,850                       |
| To From 990-PF, PG 1, ln 23               | 888,305                       | 62,102                             | -                              | 686,013                       |

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|             |                                            |           |   |
|-------------|--------------------------------------------|-----------|---|
| Form 990-PF | U.S. and State/City Government Obligations | Statement | 9 |
|-------------|--------------------------------------------|-----------|---|

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| Description                                      | U.S.<br>Gov't | Other<br>Gov't | Book Value  | Fair Market<br>Value |
|--------------------------------------------------|---------------|----------------|-------------|----------------------|
| US and Foreign Gov't Obligations                 | X             |                | 32,791,168. | 32,791,168.          |
| Total U.S. Government Obligations                |               |                | 32,791,168. | 32,791,168.          |
| Total State and Municipal Government Obligations |               |                |             |                      |
| Total to Form 990-PF, Part II, line 10a          |               |                | 32,791,168. | 32,791,168.          |

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Form 990-PF

Corporate Stock

Statement 10

| Description                             | Book Value   | Fair Market Value |
|-----------------------------------------|--------------|-------------------|
| Corporate Stocks                        | 495,030,060. | 495,030,060.      |
| Total to Form 990-PF, Part II, line 10b | 495,030,060. | 495,030,060.      |

|             |                 |              |
|-------------|-----------------|--------------|
| Form 990-PF | Corporate Bonds | Statement 11 |
|-------------|-----------------|--------------|

| Description                             | Book Value  | Fair Market Value |
|-----------------------------------------|-------------|-------------------|
| Corporate Bonds                         | 37,336,404. | 37,336,404.       |
| Total to Form 990-PF, Part II, line 10c | 37,336,404. | 37,336,404.       |

|             |                   |              |
|-------------|-------------------|--------------|
| Form 990-PF | Other Investments | Statement 12 |
|-------------|-------------------|--------------|

| Description                            | Valuation Method | Book Value   | Fair Market Value |
|----------------------------------------|------------------|--------------|-------------------|
| Other Investments                      | FMV              | 123,712,689. | 123,712,689.      |
| Total to Form 990-PF, Part II, line 13 |                  | 123,712,689. | 123,712,689.      |

**Burroughs Wellcome Fund**  
**Page 2 Part II line 14 Fixed Asset schedule #13**  
**990-PF 2015 for Fiscal year ended 8/31/2016**

**Assets**

|                            | <b>Balance<br/>8/31/2015</b> | <b>Additions</b> | <b>Retirements</b> | <b>Balance<br/>8/31/2016</b> |
|----------------------------|------------------------------|------------------|--------------------|------------------------------|
| Building                   | 13,450,864                   | -                | -                  | 13,450,864                   |
| Furniture/Office Equipment | 2,132,731                    | 38,813           | -                  | 2,171,544                    |
| Computer Hardware          | 1,276,060                    | 24,174           | -                  | 1,300,234                    |
| Fixed Assets - Other       | 93,537                       | 722              | -                  | 94,259                       |
| <b>Total</b>               | <b>16,953,192</b>            | <b>63,709</b>    | <b>-</b>           | <b>17,016,902</b>            |

**Accumulated Depreciation**

|                            | <b>Accumulated<br/>Depreciation<br/>8/31/2015</b> | <b>Depreciation<br/>Expense</b> | <b>Retirements</b> | <b>Accumulated<br/>Depreciation<br/>8/31/2015</b> |
|----------------------------|---------------------------------------------------|---------------------------------|--------------------|---------------------------------------------------|
| Building                   | 5,310,894                                         | 336,280                         | -                  | 5,647,174                                         |
| Furniture/Office Equipment | 2,012,644                                         | 36,477                          | -                  | 2,049,121                                         |
| Computer Hardware          | 1,251,421                                         | 19,128                          | -                  | 1,270,549                                         |
| Fixed Assets - Other       | -                                                 | -                               | -                  | -                                                 |
| <b>Total</b>               | <b>8,574,959</b>                                  | <b>391,885</b>                  | <b>-</b>           | <b>8,966,844</b>                                  |

Form 990-PF

Other Assets

Statement 14

| Description                      | Beginning of<br>Yr Book Value | End of Year<br>Book Value | Fair Market<br>Value |
|----------------------------------|-------------------------------|---------------------------|----------------------|
| Federal Excise Tax Receivable    | 209,249.                      | 333,345.                  | 333,345.             |
| Accrued Interest and Dividends   | 1,533,654.                    | 1,317,177.                | 1,317,177.           |
| To Form 990-PF, Part II, line 15 | 1,742,903.                    | 1,650,522.                | 1,650,522.           |

Form 990-PF

Other Liabilities

Statement 15

Description

BOY Amount

EOY Amount

Deferred Federal Excise Tax Payable

1,325,809.

1,445,809.

Total to Form 990-PF, Part II, line 22

1,325,809.

1,445,809.

**Burroughs Wellcome Fund Supplementary Statement for fiscal year ending 08/31/2006**  
**Attachment to Statement #16**

**All individuals on this statement can be reached at the Burroughs Wellcome Fund's offices.**

| <b>NAME</b>                 | <b>TITLE</b>         | <b>AVERAGE HOURS<br/>per WEEK</b> | <b>COMPENSATION</b> | <b>EMPLOYEE BENEFIT<br/>CONTRIBUTION</b> | <b>EXPENSE<br/>ACCOUNT</b> |
|-----------------------------|----------------------|-----------------------------------|---------------------|------------------------------------------|----------------------------|
| Bruce Alberts honorarium    | Board Member         | 1                                 | 10,000              | 0                                        | 0                          |
| Nancy Andrews honorarium    | Board Member         | 1                                 | 15,000              | 0                                        | 0                          |
| Emery Brown honorarium      | Board Member         | 1                                 | 10,000              | 0                                        | 0                          |
| Terrence Dermody honorarium | Board Member         | 1                                 | 10,000              | 0                                        | 0                          |
| Geoff Gerber honorarium     | Investment Committee | 1                                 | 2,000               | 0                                        | 0                          |
| Tim Hasara honorarium       | Investment Committee | 1                                 | 1,500               | 0                                        | 0                          |
| Melissa Hieger honorarium   | Investment Committee | 1                                 | 1,500               | 0                                        | 0                          |
| George Langford honorarium  | Board Member         | 1                                 | 11,000              | 0                                        | 0                          |
| Kelsey Martin honorarium    | Board Member         | 1                                 | 10,000              | 0                                        | 0                          |
| Roderick McInnes honorarium | Board Member         | 1                                 | 10,000              | 0                                        | 0                          |
| Lauretta Reeves honorarium  | Board Member         | 1                                 | 12,500              | 0                                        | 0                          |
| Carla Shatz honorarium      | Board Member         | 1                                 | 10,000              | 0                                        | 0                          |
| Michael Welsh honorarium    | Board Member         | 1                                 | 10,000              | 0                                        | 0                          |
| Dyann Wirth honorarium      | Investment Committee | 1                                 | 3,000               | 0                                        | 0                          |
| James Hirschmann honorarium | Investment Committee | 1                                 | 0                   | 0                                        | 0                          |
| Michael Bishop honorarium   | Board Member         | 1                                 | 0                   | 0                                        | 0                          |
| <b>Subtotal</b>             |                      |                                   | <b>116,500</b>      |                                          |                            |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 2 COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Asset Class</u> | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------|--------------------------|
| 92,295.310              | US DOLLAR                    | CASH               | \$92,295                 |
| 26,384.000              | CZECH KORUNA                 | CASH               | \$1,087                  |
| 292,209.400             | PHILIPPINE PESO              | CASH               | \$6,271                  |
| 12,604.230              | BRAZILIAN REAL               | CASH               | \$3,898                  |
| 296,689.480             | HUNGARIAN FORINT             | CASH               | \$1,067                  |
| 8,996.430               | NEW ISRAELI SHEQEL           | CASH               | \$2,378                  |
| 27,963,025.000          | SOUTH KOREAN WON             | CASH               | \$25,079                 |
| 40,647.000              | MALAYSIAN RINGGIT            | CASH               | \$10,023                 |
| 157,293.000             | THAILAND BAHT                | CASH               | \$4,544                  |
| 975.000                 | SINGAPORE DOLLAR             | CASH               | \$715                    |
| 17,991.950              | POUND STERLING               | CASH               | \$23,564                 |
| 8,879.750               | CANADIAN DOLLAR              | CASH               | \$6,768                  |
| 10,225.800              | HONG KONG DOLLAR             | CASH               | \$1,318                  |
| 9,559.660               | MEXICAN PESO (NEW)           | CASH               | \$507                    |
| 24,297.600              | NORWEGIAN KRONE              | CASH               | \$2,913                  |
| 598.840                 | NEW ZEALAND DOLLAR           | CASH               | \$434                    |
| 455.270                 | EURO CURRENCY                | CASH               | \$507                    |
| 1.000                   | JAPANESE YEN                 | CASH               | \$0                      |
| 78.980                  | CANADIAN DOLLAR              | CASH               | \$60                     |
| 15.050                  | AUSTRALIAN DOLLAR            | CASH               | \$11                     |
| 12,595.510              | HONG KONG DOLLAR             | CASH               | \$1,624                  |
| 29.060                  | SWISS FRANC                  | CASH               | \$30                     |
| 11,480.000              | SINGAPORE DOLLAR             | CASH               | \$8,424                  |
| 25,895.710              | POUND STERLING               | CASH               | \$33,916                 |
| 3,579,801.000           | JAPANESE YEN                 | CASH               | \$34,609                 |
| 13,795.230              | EURO CURRENCY                | CASH               | \$15,364                 |
| 59,940.000              | HONG KONG DOLLAR             | CASH               | \$7,727                  |
| 24,205.470              | SWISS FRANC                  | CASH               | \$24,635                 |
| 16,024.320              | AUSTRALIAN DOLLAR            | CASH               | \$12,043                 |
| 1.000                   | CANADIAN DOLLAR              | CASH               | \$1                      |
| 0.110                   | MEXICAN PESO (NEW)           | CASH               | \$0                      |
| 1.180                   | EURO CURRENCY                | CASH               | \$1                      |
| (10.350)                | US DOLLAR                    | CASH               | (\$10)                   |
| 67.000                  | SOUTH KOREAN WON             | CASH               | \$0                      |
| 11.190                  | SINGAPORE DOLLAR             | CASH               | \$8                      |
| 29,915.400              | HONG KONG DOLLAR             | CASH               | \$3,857                  |
| 198,195.620             | MEXICAN PESO (NEW)           | CASH               | \$10,504                 |
| 0.180                   | CANADIAN DOLLAR              | CASH               | \$0                      |
| 34.710                  | SWISS FRANC                  | CASH               | \$35                     |
| 64,670.700              | HONG KONG DOLLAR             | CASH               | \$8,337                  |
| 4,176,314.480           | STATE STREET ILR TRUST TILXX | CASH EQUIVALENT    | \$4,176,314              |

**BURROUGHS WELLCOME FUND**  
**990-PF FOR 2015**  
**FISCAL YEAR ENDED 8/31/2016**  
**PART II LINE 2 COLUMN (B) AND (C)**

| <u>Shares/Par Value</u>                           | <u>Security Name</u>                         | <u>Asset Class</u> | <u>Base Market Value</u> |
|---------------------------------------------------|----------------------------------------------|--------------------|--------------------------|
| 398,827.640                                       | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$398,828                |
| 2,766,237.360                                     | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$2,766,237              |
| 74.670                                            | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$75                     |
| 51.290                                            | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$51                     |
| 625,000.690                                       | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$625,001                |
| 23,235.030                                        | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$23,235                 |
| 806,958.650                                       | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$806,959                |
| 417.540                                           | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$418                    |
| 103.000                                           | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$103                    |
| 623,848.830                                       | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$623,849                |
| 3,578.420                                         | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$3,578                  |
| 236,057.870                                       | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$236,058                |
| 19.260                                            | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$19                     |
| 686.620                                           | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$687                    |
| 152.610                                           | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$153                    |
| 0.010                                             | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$0                      |
| 369.550                                           | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$370                    |
| 2,335,533.450                                     | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$2,335,533              |
| 74.050                                            | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$74                     |
| 393.470                                           | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$393                    |
| 1,131,400.730                                     | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$1,131,401              |
| 226.830                                           | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$227                    |
| 646,524.410                                       | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$646,524                |
| 2,296,243.640                                     | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$2,296,244              |
| 2,561,696.190                                     | STATE STREET ILR TRUST TILXX                 | CASH EQUIVALENT    | \$2,561,696              |
|                                                   | CASH IN CHECKING ACCOUNT AT WELLS FARGO BANK |                    | \$1,325,310              |
| <b>TOTAL TO PART II LINE 2 COLUMN (B) AND (C)</b> |                                              |                    | <b>\$20,303,882</b>      |

**BURROUGHS WELLCOME FUND**  
**990-PF FOR 2015**  
**FISCAL YEAR ENDED 8/31/2016**  
**PART II LINE 10A COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>           | <u>Base Market Value</u> |
|-------------------------|--------------------------------|--------------------------|
| 20,940.540              | FANNIE MAE                     | \$563                    |
| 169,132.410             | FANNIE MAE                     | \$24,885                 |
| 51,670.160              | FANNIE MAE                     | \$10,635                 |
| 89,504.790              | FANNIE MAE                     | \$18,298                 |
| 146,563.110             | FANNIE MAE                     | \$29,747                 |
| 160,644.310             | FANNIE MAE                     | \$34,464                 |
| 47,032.520              | FANNIE MAE                     | \$8,417                  |
| 46,570.540              | FANNIE MAE                     | \$2,539                  |
| 129,612.250             | FANNIE MAE                     | \$5,721                  |
| 206,914.040             | FANNIE MAE                     | \$33,444                 |
| 121,255.840             | FANNIE MAE                     | \$134,468                |
| 79,905.460              | FANNIE MAE CAS                 | \$80,054                 |
| 0.010                   | FANNIE MAE CAS                 | \$0                      |
| 79,563.950              | FANNIE MAE CAS                 | \$79,834                 |
| 47,734.380              | FANNIE MAE CAS                 | \$47,757                 |
| 43,667.090              | FANNIE MAE CAS                 | \$43,667                 |
| 49,530.850              | FANNIE MAE CAS                 | \$49,658                 |
| 43,227.230              | FANNIE MAE CAS                 | \$43,651                 |
| 0.050                   | FANNIE MAE CAS                 | \$0                      |
| 24,136.420              | FANNIE MAE CAS                 | \$24,182                 |
| 102,449.570             | FANNIE MAE CAS                 | \$103,917                |
| 2,126.390               | FANNIEMAE STRIP                | \$62                     |
| 5,821.610               | FANNIEMAE STRIP                | \$175                    |
| 10,750.320              | FANNIEMAE STRIP                | \$1,875                  |
| 6,274.940               | FANNIEMAE STRIP                | \$1,086                  |
| 8,087.100               | FANNIEMAE STRIP                | \$1,525                  |
| 19,251.990              | FANNIEMAE WHOLE LOAN           | \$22,623                 |
| 62,047.800              | FANNIEMAE WHOLE LOAN           | \$71,950                 |
| 10,256.340              | FREDDIE MAC                    | \$2,161                  |
| 4,056.240               | FREDDIE MAC                    | \$213                    |
| 4,742.650               | FREDDIE MAC                    | \$284                    |
| 19,314.030              | FREDDIE MAC                    | \$1,258                  |
| 59,739.990              | FREDDIE MAC                    | \$14,894                 |
| 109,904.720             | FREDDIE MAC                    | \$26,188                 |
| 220,503.430             | FREDDIE MAC                    | \$220,036                |
| 47,081.340              | FREDDIE MAC                    | \$47,638                 |
| 209,672.580             | FREDDIE MAC                    | \$216,367                |
| 7,772.720               | FREDDIEMAC STRIP               | \$959                    |
| 2,171.310               | FREDDIEMAC STRIP               | \$421                    |
| 81,823.730              | GOVERNMENT NATIONAL MORTGAGE A | \$12,724                 |
| 110,166.890             | GOVERNMENT NATIONAL MORTGAGE A | \$14,289                 |

**BURROUGHS WELLCOME FUND**  
**990-PF FOR 2015**  
**FISCAL YEAR ENDED 8/31/2016**  
**PART II LINE 10A COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>           | <u>Base Market Value</u> |
|-------------------------|--------------------------------|--------------------------|
| 38,886.590              | GOVERNMENT NATIONAL MORTGAGE A | \$5,348                  |
| 49,425.540              | GOVERNMENT NATIONAL MORTGAGE A | \$2,048                  |
| 184,306.850             | GOVERNMENT NATIONAL MORTGAGE A | \$40,663                 |
| 115,921.670             | GOVERNMENT NATIONAL MORTGAGE A | \$28,479                 |
| 145,724.610             | GOVERNMENT NATIONAL MORTGAGE A | \$25,320                 |
| 1,445.150               | FED HM LN PC POOL A16908       | \$1,656                  |
| 8,747.280               | FED HM LN PC POOL A34552       | \$9,555                  |
| 22,323.880              | FED HM LN PC POOL A40366       | \$24,455                 |
| 74,326.600              | FED HM LN PC POOL A46278       | \$82,743                 |
| 1,253.860               | FED HM LN PC POOL A47924       | \$1,369                  |
| 6,967.760               | FED HM LN PC POOL C01599       | \$7,901                  |
| 19,865.690              | FED HM LN PC POOL C14186       | \$20,267                 |
| 74,163.320              | FED HM LN PC POOL C91395       | \$80,116                 |
| 8,757.400               | FED HM LN PC POOL D64183       | \$8,787                  |
| 257,046.050             | FED HM LN PC POOL G03819       | \$294,089                |
| 29,068.620              | FED HM LN PC POOL G04725       | \$32,336                 |
| 525,459.570             | FED HM LN PC POOL G15360       | \$565,037                |
| 86,235.370              | FED HM LN PC POOL G60093       | \$90,305                 |
| 68,499.670              | FED HM LN PC POOL Q10155       | \$73,669                 |
| 77,449.390              | FED HM LN PC POOL Q18209       | \$82,578                 |
| 235,479.650             | FED HM LN PC POOL V80006       | \$246,373                |
| 100,000.000             | FHLMC TBA 30 YR 3.5            | \$105,182                |
| 500,000.000             | FHLMC TBA 30 YR 4              | \$534,610                |
| 47,405.510              | FNMA POOL 735230               | \$53,909                 |
| 263,009.690             | FNMA POOL 878732               | \$298,584                |
| 109,507.280             | FNMA POOL AB6593               | \$113,909                |
| 347,266.550             | FNMA POOL AB7946               | \$362,942                |
| 58,470.420              | FNMA POOL AE5528               | \$62,580                 |
| 41,188.440              | FNMA POOL AE5529               | \$44,584                 |
| 302,204.310             | FNMA POOL AH1515               | \$326,499                |
| 105,910.360             | FNMA POOL AH3586               | \$113,811                |
| 40,931.490              | FNMA POOL AI3884               | \$44,694                 |
| 82,969.900              | FNMA POOL AJ4071               | \$88,843                 |
| 130,170.440             | FNMA POOL AL1819               | \$139,748                |
| 230,159.030             | FNMA POOL AL3190               | \$248,735                |
| 175,558.270             | FNMA POOL AL4416               | \$180,105                |
| 89,284.000              | FNMA POOL AL7121               | \$92,859                 |
| 85,475.920              | FNMA POOL AO4622               | \$93,041                 |
| 240,955.330             | FNMA POOL AR6378               | \$251,979                |
| 143,140.560             | FNMA POOL AW5530               | \$156,202                |
| 182,779.310             | FNMA POOL AY8857               | \$196,404                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10A COLUMN (B) AND (C)**

| <u>Shares/Par Value</u> | <u>Security Name</u>     | <u>Base Market Value</u> |
|-------------------------|--------------------------|--------------------------|
| 104,634.350             | FNMA POOL AZ1222         | \$111,577                |
| 75,652.350              | FNMA POOL AZ3900         | \$79,869                 |
| 126,922.460             | FNMA POOL MA1459         | \$133,280                |
| 134,721.870             | FNMA POOL MA2019         | \$145,691                |
| 74,023.570              | FNMA POOL MA2028         | \$80,800                 |
| 380,686.410             | FNMA POOL MA2046         | \$404,262                |
| 527,861.180             | FNMA POOL MA2055         | \$570,866                |
| 89,427.990              | FNMA POOL MA2078         | \$95,782                 |
| 119,313.260             | FNMA POOL MA2176         | \$124,968                |
| 130,085.260             | FNMA POOL MA2676         | \$134,722                |
| (700,000.000)           | FNMA TBA 30 YR 3         | (\$726,362)              |
| 1,700,000.000           | FNMA TBA 30 YR 3.5       | \$1,789,318              |
| 1,800,000.000           | FNMA TBA 30 YR 3.5       | \$1,896,822              |
| 100,000.000             | FNMA TBA 30 YR 4         | \$107,037                |
| 400,000.000             | FNMA TBA 30 YR 4.5       | \$436,516                |
| 96,662.880              | GNMA POOL 669977         | \$101,742                |
| 116,017.700             | GNMA POOL 710935         | \$132,354                |
| 71,621.870              | GNMA POOL 717997         | \$79,910                 |
| 283,818.760             | GNMA POOL 778794         | \$302,514                |
| 72,705.720              | GNMA II POOL 005205      | \$80,881                 |
| 853.370                 | GNMA II POOL 008404      | \$874                    |
| 118,393.660             | GNMA II POOL AL4517      | \$125,905                |
| 109,103.140             | GNMA II POOL AM5249      | \$116,924                |
| 89,399.960              | GNMA II POOL AM8046      | \$94,161                 |
| 106,003.540             | GNMA II POOL AQ0095      | \$113,624                |
| 100,000.000             | GNMA II TBA 30 YR 3      | \$104,557                |
| 300,000.000             | GNMA II TBA 30 YR 4      | \$320,619                |
| 1,278,000.000           | FANNIE MAE               | \$1,278,371              |
| 582,000.000             | FANNIE MAE               | \$583,135                |
| 324,000.000             | FANNIE MAE               | \$324,444                |
| 692,000.000             | FANNIE MAE               | \$719,320                |
| 1,519,000.000           | FANNIE MAE               | \$1,522,782              |
| 100,000.000             | FANNIE MAE               | \$100,049                |
| 355,000.000             | FANNIE MAE               | \$354,397                |
| 230,000.000             | FANNIE MAE               | \$230,129                |
| 76,000.000              | FEDERAL FARM CREDIT BANK | \$76,093                 |
| 225,000.000             | FEDERAL FARM CREDIT BANK | \$225,018                |
| 206,000.000             | FEDERAL FARM CREDIT BANK | \$206,052                |
| 114,000.000             | FEDERAL FARM CREDIT BANK | \$114,065                |
| 237,000.000             | FEDERAL FARM CREDIT BANK | \$238,258                |
| 95,000.000              | FEDERAL FARM CREDIT BANK | \$95,047                 |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10A COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>     | <u>Base Market Value</u> |
|-------------------------|--------------------------|--------------------------|
| 250,000.000             | FEDERAL FARM CREDIT BANK | \$250,193                |
| 200,000.000             | FEDERAL HOME LOAN BANK   | \$200,216                |
| 204,000.000             | FREDDIE MAC              | \$204,002                |
| 493,000.000             | FREDDIE MAC              | \$492,823                |
| 539,000.000             | FREDDIE MAC              | \$538,359                |
| 67,299.930              | NEW VALLEY GENERATION I  | \$73,698                 |
| 200,000.000             | STATE OF QATAR           | \$204,560                |
| 205,000.000             | TENN VALLEY AUTHORITY    | \$228,583                |
| 176,834.520             | TSY INFL IX N/B          | \$211,084                |
| 326,718.440             | TSY INFL IX N/B          | \$437,113                |
| 178,207.600             | TSY INFL IX N/B          | \$179,701                |
| 86,927.020              | TSY INFL IX N/B          | \$86,804                 |
| 273,960.650             | TSY INFL IX N/B          | \$276,541                |
| 422,561.770             | TSY INFL IX N/B          | \$439,236                |
| 46,447.000              | TSY INFL IX N/B          | \$48,456                 |
| 50,000.000              | UNITED MEXICAN STATES    | \$61,625                 |
| 52,000.000              | UNITED MEXICAN STATES    | \$56,485                 |
| 1,495,000.000           | US TREASURY N/B          | \$1,514,510              |
| 17,000.000              | US TREASURY N/B          | \$17,993                 |
| 231,000.000             | US TREASURY N/B          | \$229,529                |
| 174,000.000             | US TREASURY N/B          | \$197,885                |
| 246,000.000             | US TREASURY N/B          | \$260,317                |
| 690,000.000             | US TREASURY N/B          | \$692,801                |
| 270,000.000             | US TREASURY N/B          | \$280,020                |
| 166,000.000             | US TREASURY N/B          | \$193,261                |
| 372,000.000             | US TREASURY N/B          | \$388,130                |
| 515,000.000             | US TREASURY N/B          | \$551,575                |
| 403,000.000             | US TREASURY N/B          | \$439,206                |
| 282,000.000             | US TREASURY N/B          | \$286,196                |
| 422,000.000             | US TREASURY N/B          | \$437,694                |
| 969,000.000             | US TREASURY N/B          | \$988,990                |
| 162,000.000             | US TREASURY N/B          | \$184,238                |
| 1,068,000.000           | US TREASURY N/B          | \$1,079,054              |
| 237,000.000             | US TREASURY N/B          | \$237,962                |
| 608,000.000             | US TREASURY N/B          | \$610,304                |
| 363,000.000             | US TREASURY N/B          | \$384,199                |
| 76,000.000              | US TREASURY N/B          | \$76,682                 |
| 20,000.000              | TREASURY BILL            | \$19,958                 |
| 40,000.000              | TREASURY BILL            | \$39,874                 |

**TOTAL PART II LINE 10A AND STMT 9****\$32,791,168**

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>        | <u>Base Market Value</u> |
|-------------------------|-----------------------------|--------------------------|
| 14.000                  | VERINT SYSTEMS INC          | \$478                    |
| 2.000                   | KINDER MORGAN INC           | \$44                     |
| 35,800.000              | FORD MOTOR CO               | \$451,080                |
| 11,300.000              | EXELON CORP                 | \$384,200                |
| 4,500.000               | FLUOR CORP                  | \$233,550                |
| 3,700.000               | AETNA INC                   | \$433,344                |
| 19,700.000              | JPMORGAN CHASE + CO         | \$1,329,750              |
| 1,200.000               | RAYTHEON COMPANY            | \$168,156                |
| 2,100.000               | BUNGE LTD                   | \$134,190                |
| 7,500.000               | CHEVRON CORP                | \$754,350                |
| 8,700.000               | PRUDENTIAL FINANCIAL INC    | \$690,606                |
| 6,600.000               | ASSURANT INC                | \$591,030                |
| 29,100.000              | REGIONS FINANCIAL CORP      | \$290,127                |
| 12,900.000              | HUNTSMAN CORP               | \$223,041                |
| 3,300.000               | AMERIPRISE FINANCIAL INC    | \$333,564                |
| 5,600.000               | GAMESTOP CORP CLASS A       | \$158,984                |
| 29,800.000              | AT+T INC                    | \$1,218,224              |
| 4,500.000               | VIACOM INC CLASS B          | \$181,530                |
| 2,600.000               | HESS CORP                   | \$141,180                |
| 4,100.000               | WYNDHAM WORLDWIDE CORP      | \$290,239                |
| 9,700.000               | WESTERN UNION CO            | \$208,744                |
| 5,400.000               | OWENS CORNING               | \$296,568                |
| 7,200.000               | TRAVELERS COS INC/THE       | \$854,712                |
| 4,800.000               | MACY S INC                  | \$173,664                |
| 9,100.000               | DISCOVER FINANCIAL SERVICES | \$546,000                |
| 19,600.000              | BROCADE COMMUNICATIONS SYS  | \$176,008                |
| 3,400.000               | DOMTAR CORP                 | \$126,888                |
| 6,500.000               | MERCK + CO. INC.            | \$408,135                |
| 5,100.000               | LEAR CORP                   | \$593,079                |
| 4,400.000               | CIT GROUP INC               | \$162,272                |
| 6,300.000               | PILGRIM S PRIDE CORP        | \$145,404                |
| 10,200.000              | SEAGATE TECHNOLOGY          | \$344,148                |
| 5,100.000               | UNITED CONTINENTAL HOLDINGS | \$257,091                |
| 15,100.000              | GENERAL MOTORS CO           | \$481,992                |
| 4,600.000               | TE CONNECTIVITY LTD         | \$292,422                |
| 17,690.000              | CITIGROUP INC               | \$844,521                |
| 5,700.000               | MOSAIC CO/THE               | \$171,399                |
| 11,800.000              | MARATHON PETROLEUM CORP     | \$501,618                |
| 3,700.000               | EXPRESS SCRIPTS HOLDING CO  | \$268,990                |
| 6,800.000               | PHILLIPS 66                 | \$533,460                |
| 7,800.000               | NOBLE CORP PLC              | \$44,928                 |

**BURROUGHS WELLCOME FUND**  
**990-PF FOR 2015**  
**FISCAL YEAR ENDED 8/31/2016**  
**PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 9,200.000               | VOYA FINANCIAL INC           | \$269,008                |
| 4,100.000               | ANTHEM INC                   | \$512,828                |
| 4,750.000               | GANNETT CO INC               | \$56,668                 |
| 9,500.000               | TEGNA INC                    | \$192,470                |
| 13,400.000              | HEWLETT PACKARD ENTERPRIS    | \$287,832                |
| 13,400.000              | HP INC                       | \$192,558                |
| 1,300.000               | UNITED THERAPEUTICS CORP     | \$158,964                |
| 34,500.000              | HUNTINGTON BANCSHARES INC    | \$345,345                |
| 4,200.000               | PACKAGING CORP OF AMERICA    | \$330,246                |
| 9,300.000               | BB+T CORP                    | \$358,050                |
| 7,900.000               | AMERICAN FINANCIAL GROUP INC | \$593,685                |
| 6,900.000               | UNUM GROUP                   | \$245,709                |
| 10,800.000              | TRINITY INDUSTRIES INC       | \$263,736                |
| 2,700.000               | EVEREST RE GROUP LTD         | \$522,126                |
| 5,000.000               | AGCO CORP                    | \$242,700                |
| 10,300.000              | ALLSTATE CORP                | \$710,288                |
| 4,400.000               | AMERICAN ELECTRIC POWER      | \$284,108                |
| 12,000.000              | ARCHER DANIELS MIDLAND CO    | \$525,120                |
| 4,900.000               | EASTMAN CHEMICAL CO          | \$332,661                |
| 5,800.000               | ENTERGY CORP                 | \$453,560                |
| 8,300.000               | FIRSTENERGY CORP             | \$271,659                |
| 1,700.000               | HELMERICH + PAYNE            | \$102,782                |
| 7,700.000               | KEYCORP                      | \$96,712                 |
| 1,400.000               | NORTHROP GRUMMAN CORP        | \$296,898                |
| 16,100.000              | PUBLIC SERVICE ENTERPRISE GP | \$688,436                |
| 15,313.000              | SUPERVALU INC                | \$83,915                 |
| 2,300.000               | TIMKEN CO                    | \$77,901                 |
| 9,400.000               | VALERO ENERGY CORP           | \$520,290                |
| 17,100.000              | VISHAY INTERTECHNOLOGY INC   | \$242,136                |
| 6,000.000               | WESTERN DIGITAL CORP         | \$280,020                |
| 2,500.000               | GILEAD SCIENCES INC          | \$195,950                |
| 8,100.000               | SYMANTEC CORP                | \$195,453                |
| 3,800.000               | AMGEN INC                    | \$646,228                |
| 5,700.000               | CABOT CORP                   | \$284,202                |
| 5,000.000               | CAPITAL ONE FINANCIAL CORP   | \$358,000                |
| 34,000.000              | CISCO SYSTEMS INC            | \$1,068,960              |
| 19,000.000              | EMC CORP/MA                  | \$550,810                |
| 13,600.000              | EXXON MOBIL CORP             | \$1,185,104              |
| 6,300.000               | MORGAN STANLEY               | \$201,978                |
| 11,500.000              | ORACLE CORP                  | \$474,030                |
| 40,000.000              | PFIZER INC                   | \$1,392,000              |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 6,700.000               | WELLS FARGO + CO             | \$340,360                |
| 6,200.000               | PNC FINANCIAL SERVICES GROUP | \$558,620                |
| 35,500.000              | BANK OF AMERICA CORP         | \$572,970                |
| 2,400.000               | INTL BUSINESS MACHINES CORP  | \$381,312                |
| 5,800.000               | TEXTRON INC                  | \$236,930                |
| 22,700.000              | XEROX CORP                   | \$223,595                |
| 32,100.000              | INTEL CORP                   | \$1,152,069              |
| 14,100.000              | JOHNSON + JOHNSON            | \$1,682,694              |
| 1,600.000               | JOHNSON CONTROLS INC         | \$70,208                 |
| 5,700.000               | STATE STREET CORP            | \$400,368                |
| 3,600.000               | TARGET CORP                  | \$252,684                |
| 2,400.000               | WHIRLPOOL CORP               | \$428,736                |
| 3,200.000               | CARDINAL HEALTH INC          | \$254,944                |
| 5,300.000               | HARLEY DAVIDSON INC          | \$279,310                |
| 4,500.000               | CIGNA CORP                   | \$577,170                |
| 3,500.000               | GOLDMAN SACHS GROUP INC      | \$593,110                |
| 3,100.000               | BOEING CO/THE                | \$401,295                |
| 20,100.000              | CORNING INC                  | \$456,069                |
| 1,900.000               | FEDEX CORP                   | \$313,367                |
| 10,300.000              | KOHL'S CORP                  | \$457,114                |
| 3,200.000               | BRINKER INTERNATIONAL INC    | \$171,872                |
| 5,200.000               | METLIFE INC                  | \$225,680                |
| 10,600.000              | RR DONNELLEY + SONS CO       | \$181,260                |
| 5,800.000               | TYSON FOODS INC CL A         | \$438,306                |
| 7,300.000               | NATIONAL OILWELL VARCO INC   | \$244,842                |
| 15,700.000              | VERIZON COMMUNICATIONS INC   | \$821,581                |
| 13,600.000              | SPARTANNASH CO               | \$435,472                |
| 7,900.000               | TRINSEO SA                   | \$457,094                |
| 5,200.000               | SPOK HOLDINGS INC            | \$86,060                 |
| 3,000.000               | SAGE THERAPEUTICS INC        | \$111,510                |
| 3,100.000               | PFENEX INC                   | \$22,413                 |
| 3,200.000               | SPARK ENERGY INC CLASS A     | \$92,768                 |
| 6,400.000               | RYERSON HOLDING CORP         | \$77,376                 |
| 4,000.000               | RCI HOSPITALITY HOLDINGS INC | \$43,960                 |
| 8,000.000               | LIBERTY TRIPADVISOR HDG A    | \$166,480                |
| 14,357.000              | VECTRUS INC                  | \$484,405                |
| 4,700.000               | VITAE PHARMACEUTICALS INC    | \$32,477                 |
| 14,700.000              | TRAVELPORT WORLDWIDE LTD     | \$201,831                |
| 5,000.000               | VWR CORP                     | \$139,550                |
| 8,100.000               | DERMIRA INC                  | \$251,424                |
| 9,400.000               | PARATEK PHARMACEUTICALS INC  | \$126,618                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 5,000.000               | COHERUS BIOSCIENCES INC      | \$148,850                |
| 16,000.000              | INC RESEARCH HOLDINGS INC A  | \$698,080                |
| 27,200.000              | SONUS NETWORKS INC           | \$234,464                |
| 64,000.000              | DHI GROUP INC                | \$495,360                |
| 3,600.000               | CALERES INC                  | \$93,384                 |
| 30,500.000              | CHEMOURS CO/THE              | \$402,295                |
| 10,739.000              | GLAUKOS CORP                 | \$320,452                |
| 7,500.000               | LANTHEUS HOLDINGS INC        | \$71,400                 |
| 7,600.000               | TOPBUILD CORP                | \$259,312                |
| 4,900.000               | HORIZON GLOBAL CORP          | \$87,318                 |
| 17,800.000              | MCBC HOLDINGS INC            | \$212,532                |
| 4,400.000               | LUMENTUM HOLDINGS INC        | \$154,528                |
| 12,300.000              | BARNES + NOBLE EDUCATION INC | \$137,637                |
| 7,800.000               | MSG NETWORKS INC A           | \$136,344                |
| 11,633.000              | LIFEVANTAGE CORP             | \$142,621                |
| 3,100.000               | DIMENSION THERAPEUTICS INC   | \$18,414                 |
| 2,100.000               | GCP APPLIED TECHNOLOGIES     | \$61,446                 |
| 2,200.000               | RED ROCK RESORTS INC CLASS A | \$49,588                 |
| 47,800.000              | ADVERUM BIOTECHNOLOGIES INC  | \$171,124                |
| 1,700.000               | COTIVITI HOLDINGS INC        | \$56,508                 |
| 6,600.000               | CARDTRONICS PLC A            | \$296,406                |
| 4,850.000               | APTEVO THERAPEUTICS INC      | \$13,192                 |
| 38,400.000              | NCI BUILDING SYSTEMS INC     | \$581,376                |
| 28,900.000              | MAXLINEAR INC CLASS A        | \$554,013                |
| 7,100.000               | COOPER STANDARD HOLDING      | \$703,255                |
| 29,200.000              | OASIS PETROLEUM INC          | \$276,816                |
| 23,300.000              | QUAD GRAPHICS INC            | \$631,197                |
| 2,900.000               | REALPAGE INC                 | \$74,646                 |
| 28,300.000              | PACIFIC BIOSCIENCES OF CALIF | \$235,739                |
| 1,700.000               | INPHI CORP                   | \$73,219                 |
| 17,800.000              | FAIRPOINT COMMUNICATIONS INC | \$248,132                |
| 9,400.000               | INSPERITY INC                | \$616,170                |
| 3,500.000               | HUNTINGTON INGALLS INDUSTRIE | \$578,095                |
| 13,800.000              | MAGICJACK VOCALTEC LTD       | \$85,560                 |
| 37,700.000              | BANKRATE INC                 | \$295,568                |
| 16,976.000              | XO GROUP INC                 | \$316,433                |
| 2,000.000               | YRC WORLDWIDE INC            | \$23,180                 |
| 21,600.000              | SANCHEZ ENERGY CORP          | \$185,544                |
| 8,400.000               | REGIONAL MANAGEMENT CORP     | \$181,608                |
| 3,800.000               | INTERFACE INC                | \$67,184                 |
| 9,000.000               | POPULAR INC                  | \$353,790                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 40,100.000              | MEETME INC                   | \$230,976                |
| 29,300.000              | BLUCORA INC                  | \$303,255                |
| 9,400.000               | AUTOBYTEL INC                | \$154,160                |
| 7,800.000               | BLOOMIN BRANDS INC           | \$152,412                |
| 6,400.000               | TILE SHOP HLDGS INC          | \$99,520                 |
| 1,300.000               | QUALYS INC                   | \$44,720                 |
| 14,300.000              | BERRY PLASTICS GROUP INC     | \$649,077                |
| 35,700.000              | REGULUS THERAPEUTICS INC     | \$113,169                |
| 4,100.000               | TENET HEALTHCARE CORP        | \$97,990                 |
| 6,600.000               | SANMINA CORP                 | \$173,448                |
| 2,600.000               | ENANTA PHARMACEUTICALS INC   | \$57,174                 |
| 3,400.000               | CHARTER FINANCIAL CORP       | \$44,710                 |
| 68,300.000              | CHIMERIX INC                 | \$328,523                |
| 6,400.000               | EVERTEC INC                  | \$109,184                |
| 16,900.000              | AMBAC FINANCIAL GROUP INC    | \$306,566                |
| 16,900.000              | FIRST NBC BANK HOLDING CO    | \$220,714                |
| 16,800.000              | PORTOLA PHARMACEUTICALS INC  | \$342,048                |
| 21,200.000              | PLY GEM HOLDINGS INC         | \$296,164                |
| 8,969.000               | GLOBAL BRASS + COPPER HOLDIN | \$251,760                |
| 5,700.000               | GIGAMON INC                  | \$251,940                |
| 22,400.000              | INTELIQUENT INC              | \$372,736                |
| 37,600.000              | KCG HOLDINGS INC CL A        | \$543,320                |
| 28,400.000              | RETAILMENOT INC              | \$321,204                |
| 1,700.000               | DEAN FOODS CO                | \$29,257                 |
| 2,300.000               | SCIENCE APPLICATIONS INTE    | \$146,763                |
| 2,500.000               | FIVE PRIME THERAPEUTICS INC  | \$109,950                |
| 2,800.000               | ACCELERON PHARMA INC         | \$84,028                 |
| 5,300.000               | RINGCENTRAL INC CLASS A      | \$116,335                |
| 6,300.000               | MACROGENICS INC              | \$187,803                |
| 5,200.000               | ESSENT GROUP LTD             | \$138,216                |
| 11,000.000              | BARRACUDA NETWORKS INC       | \$255,200                |
| 7,500.000               | WIX.COM LTD                  | \$313,650                |
| 34,100.000              | EARTHLINK HOLDINGS CORP      | \$217,217                |
| 12,700.000              | RETROPHIN INC                | \$203,454                |
| 4,600.000               | CONTINENTAL BUILDING PRODUCT | \$102,166                |
| 25,000.000              | CONCERT PHARMACEUTICALS INC  | \$243,000                |
| 18,133.000              | APPLIED GENETIC TECHNOLOGIES | \$231,740                |
| 4,400.000               | EVERYDAY HEALTH INC          | \$33,704                 |
| 39,000.000              | RUBICON PROJECT INC/THE      | \$331,500                |
| 8,400.000               | ARCBEST CORP                 | \$153,804                |
| 5,600.000               | AMKOR TECHNOLOGY INC         | \$50,960                 |

**BURROUGHS WELLCOME FUND**  
**990-PF FOR 2015**  
**FISCAL YEAR ENDED 8/31/2016**  
**PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 5,600.000               | CABOT CORP                   | \$279,216                |
| 30,900.000              | DATALINK CORP                | \$300,966                |
| 9,000.000               | LUMINEX CORP                 | \$189,630                |
| 12,000.000              | EXTREME NETWORKS INC         | \$47,160                 |
| 19,600.000              | CONVERGYS CORP               | \$584,668                |
| 17,900.000              | ORASURE TECHNOLOGIES INC     | \$153,403                |
| 7,300.000               | BIG LOTS INC                 | \$360,036                |
| 2,500.000               | KADANT INC                   | \$134,100                |
| 1,200.000               | NATUS MEDICAL INC            | \$46,692                 |
| 9,300.000               | SYNAPTICS INC                | \$529,821                |
| 6,400.000               | LANNETT CO INC               | \$216,704                |
| 1,300.000               | MICROSTRATEGY INC CL A       | \$216,827                |
| 18,100.000              | HAWAIIAN HOLDINGS INC        | \$850,338                |
| 10,300.000              | SPECTRUM PHARMACEUTICALS INC | \$54,693                 |
| 16,500.000              | MEDIFAST INC                 | \$606,705                |
| 6,900.000               | HMS HOLDINGS CORP            | \$150,489                |
| 2,600.000               | CAVCO INDUSTRIES INC         | \$271,882                |
| 12,200.000              | MOLINA HEALTHCARE INC        | \$656,482                |
| 13,100.000              | NETGEAR INC                  | \$746,700                |
| 2,100.000               | TESSERA TECHNOLOGIES INC     | \$70,434                 |
| 12,300.000              | ASPEN INSURANCE HOLDINGS LTD | \$565,308                |
| 2,300.000               | MAGELLAN HEALTH INC          | \$131,376                |
| 1,200.000               | STAMPS.COM INC               | \$116,064                |
| 2,900.000               | ANGIODYNAMICS INC            | \$47,966                 |
| 4,700.000               | MOMENTA PHARMACEUTICALS INC  | \$56,494                 |
| 5,500.000               | WELLCARE HEALTH PLANS INC    | \$619,850                |
| 2,100.000               | BELDEN INC                   | \$156,639                |
| 6,900.000               | ENERSYS                      | \$485,622                |
| 800.000                 | HURON CONSULTING GROUP INC   | \$50,288                 |
| 17,580.000              | KNOLL INC                    | \$465,167                |
| 11,900.000              | SMITH + WESSON HOLDING CORP  | \$334,985                |
| 5,100.000               | NEUSTAR INC CLASS A          | \$129,591                |
| 6,900.000               | RUTH S HOSPITALITY GROUP INC | \$103,224                |
| 7,700.000               | GENOMIC HEALTH INC           | \$203,819                |
| 11,300.000              | CYNOSURE INC A               | \$588,617                |
| 32,300.000              | PDL BIOPHARMA INC            | \$93,993                 |
| 4,500.000               | SYNCHRONOSS TECHNOLOGIES INC | \$187,875                |
| 3,300.000               | CHART INDUSTRIES INC         | \$99,396                 |
| 5,600.000               | INNERWORKINGS INC            | \$49,672                 |
| 43,500.000              | INFINITY PHARMACEUTICALS INC | \$66,120                 |
| 2,200.000               | COMMVault SYSTEMS INC        | \$113,388                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>        | <u>Base Market Value</u> |
|-------------------------|-----------------------------|--------------------------|
| 5,500.000               | CIENA CORP                  | \$117,975                |
| 19,700.000              | ACHILLION PHARMACEUTICALS   | \$162,722                |
| 5,200.000               | CAPELLA EDUCATION CO        | \$306,384                |
| 11,900.000              | EMERGENT BIOSOLUTIONS INC   | \$317,135                |
| 15,400.000              | CENTRAL GARDEN AND PET CO A | \$373,450                |
| 4,925.000               | ESSA BANCORP INC            | \$67,719                 |
| 20,700.000              | FONAR CORP                  | \$425,592                |
| 600.000                 | INTERDIGITAL INC            | \$42,846                 |
| 15,900.000              | AMAG PHARMACEUTICALS INC    | \$378,897                |
| 12,100.000              | MASIMO CORP                 | \$715,594                |
| 9,100.000               | K12 INC                     | \$108,745                |
| 24,700.000              | TRUEBLUE INC                | \$539,695                |
| 24,300.000              | HACKETT GROUP INC/THE       | \$397,305                |
| 4,500.000               | INTERVAL LEISURE GROUP      | \$78,300                 |
| 38,500.000              | CELLEX THERAPEUTICS INC     | \$127,820                |
| 35,354.000              | WEB.COM GROUP INC           | \$617,281                |
| 8,400.000               | IDT CORP CLASS B            | \$125,076                |
| 6,800.000               | CARDIOVASCULAR SYSTEMS INC  | \$166,396                |
| 1,200.000               | LOGMEIN INC                 | \$100,200                |
| 8,400.000               | ALTISOURCE PORTFOLIO SOL    | \$273,672                |
| 2,700.000               | CEPHEID                     | \$92,664                 |
| 50,000.000              | SANGAMO BIOSCIENCES INC     | \$214,500                |
| 14,300.000              | ORTHOFIX INTERNATIONAL NV   | \$645,073                |
| 3,000.000               | SYKES ENTERPRISES INC       | \$87,690                 |
| 4,200.000               | FRESH DEL MONTE PRODUCE INC | \$244,314                |
| 17,100.000              | AMERICAN EAGLE OUTFITTERS   | \$317,034                |
| 6,800.000               | FEDERAL AGRIC MTG CORP CL C | \$278,664                |
| 4,900.000               | BEL FUSE INC CL B           | \$112,553                |
| 15,300.000              | COMMERCIAL METALS CO        | \$237,456                |
| 4,400.000               | FIRST DEFIANCE FINL CORP    | \$200,156                |
| 46,700.000              | WABASH NATIONAL CORP        | \$651,465                |
| 2,381.000               | INTEGRATED DEVICE TECH INC  | \$47,834                 |
| 9,400.000               | LOUISIANA PACIFIC CORP      | \$183,112                |
| 25,100.000              | MBIA INC                    | \$202,306                |
| 6,700.000               | TENNECO INC                 | \$374,061                |
| 11,400.000              | VISHAY INTERTECHNOLOGY INC  | \$161,424                |
| 85.000                  | AEP INDUSTRIES INC          | \$9,401                  |
| 5,400.000               | BARRETT BUSINESS SVCS INC   | \$251,964                |
| 500.000                 | CHEMED CORP                 | \$67,465                 |
| 800.000                 | CIRRUS LOGIC INC            | \$40,600                 |
| 9,100.000               | DARLING INGREDIENTS INC     | \$128,128                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>          | <u>Base Market Value</u> |
|-------------------------|-------------------------------|--------------------------|
| 5,100.000               | EMCOR GROUP INC               | \$292,026                |
| 23,600.000              | FINISH LINE/THE CL A          | \$568,052                |
| 5,300.000               | HUB GROUP INC CL A            | \$215,975                |
| 700.000                 | ICU MEDICAL INC               | \$87,339                 |
| 9,003.000               | INSTEEL INDUSTRIES INC        | \$299,800                |
| 5,800.000               | LA Z BOY INC                  | \$154,686                |
| 500.000                 | LYDALL INC                    | \$24,020                 |
| 3,100.000               | MONARCH CASINO + RESORT INC   | \$73,749                 |
| 8,005.000               | OLYMPIC STEEL INC             | \$154,737                |
| 9,300.000               | OMEGA PROTEIN CORP            | \$234,453                |
| 1,100.000               | PATRICK INDUSTRIES INC        | \$70,433                 |
| 55,795.000              | PIER 1 IMPORTS INC            | \$257,215                |
| 1,200.000               | SANDERSON FARMS INC           | \$115,476                |
| 1,700.000               | JOHN B. SANFILIPPO + SON INC  | \$87,414                 |
| 700.000                 | THOR INDUSTRIES INC           | \$56,805                 |
| 1,000.000               | UNIVERSAL FOREST PRODUCTS     | \$109,150                |
| 7,700.000               | WINNEBAGO INDUSTRIES          | \$185,339                |
| 6,500.000               | ANIKA THERAPEUTICS INC        | \$307,060                |
| 3,400.000               | ARIAD PHARMACEUTICALS INC     | \$35,156                 |
| 1,400.000               | ASPEN TECHNOLOGY INC          | \$63,644                 |
| 10,000.000              | ATWOOD OCEANICS INC           | \$79,000                 |
| 7,200.000               | CHILDREN S PLACE INC/THE      | \$586,080                |
| 13,700.000              | HEADWATERS INC                | \$248,381                |
| 9,500.000               | DEPOMED INC                   | \$192,755                |
| 7,100.000               | DREW INDUSTRIES INC           | \$723,135                |
| 12,000.000              | IMMUNOGEN INC                 | \$33,720                 |
| 1,700.000               | MANHATTAN ASSOCIATES INC      | \$102,884                |
| 11,100.000              | MARINEMAX INC                 | \$220,113                |
| 11,700.000              | MYRIAD GENETICS INC           | \$238,212                |
| 9,400.000               | PLEXUS CORP                   | \$433,810                |
| 8,396.000               | PROGRESS SOFTWARE CORP        | \$243,568                |
| 57,500.000              | SCICLONE PHARMACEUTICALS INC  | \$579,025                |
| 9,200.000               | SEMTECH CORP                  | \$244,720                |
| 2,800.000               | STONERIDGE INC                | \$48,524                 |
| 8,700.000               | SURMODICS INC                 | \$247,689                |
| 4,400.000               | TAKE TWO INTERACTIVE SOFTWARE | \$191,268                |
| 700.000                 | UTAH MEDICAL PRODUCTS INC     | \$44,107                 |
| 2,300.000               | WORLD ACCEPTANCE CORP         | \$110,653                |
| 79,800.000              | ZIX CORP                      | \$304,038                |
| 17,700.000              | ADVANCED ENERGY INDUSTRIES    | \$777,915                |
| 38,000.000              | AMERICAN AXLE + MFG HOLDINGS  | \$651,320                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 21,432.000              | FINSBURY FOOD GROUP PLC      | \$35,789                 |
| 200.000                 | CHOUSHIMARU CO LTD           | \$7,966                  |
| 13,537.000              | YOUGOV PLC                   | \$33,775                 |
| 32,559.000              | ORKLA ASA                    | \$297,833                |
| 152.000                 | CA SUD RHONE ALPES CCI       | \$27,802                 |
| 9,237.000               | CRANEWARE PLC                | \$124,304                |
| 18,497.000              | K3 BUSINESS TECHNOLOGY GROUP | \$77,522                 |
| 8,176.000               | CELLO GROUP PLC              | \$11,190                 |
| 1,000.000               | GAMECARD JOYCO HOLDINGS INC  | \$11,147                 |
| 26.000                  | ZUG ESTATES HOLDING AG B SHR | \$44,350                 |
| 1,420.000               | SAN MIGUEL PURE FOODS CO     | \$6,766                  |
| 16,796.000              | RCL FOODS LTD/SOUTH AFRICA   | \$15,969                 |
| 6,111.000               | BONMARCHE HOLDINGS PLC       | \$9,764                  |
| 87,033.000              | MANX TELECOM PLC             | \$226,834                |
| 22,618.000              | GRAYS ECOMMERCE GROUP LTD    | \$23,118                 |
| 3,164.000               | MICROGEN PLC                 | \$7,521                  |
| 4,058.000               | MARSHALL MOTOR HOLDINGS PLC  | \$8,690                  |
| 7,019.000               | AIRWORK HOLDINGS LTD         | \$22,915                 |
| 2,935.000               | SHEPHERD NEAME LTD           | \$48,242                 |
| 8,443.000               | CAMBRIA AUTOMOBILES PLC      | \$7,409                  |
| 2,097.000               | TADIRAN HOLDINGS LTD         | \$57,763                 |
| 248.000                 | RED ELECTRICA CORPORACION SA | \$5,332                  |
| 66,300.000              | MCT BHD                      | \$18,473                 |
| 115.000                 | CR DE CREDIT AGRICOLE IDF    | \$10,605                 |
| 4,810.000               | BRISCOE GROUP LTD            | \$13,191                 |
| 1,100.000               | KOURAKUEN HOLDINGS CORP      | \$16,101                 |
| 277.000                 | L.D.C. SA                    | \$53,110                 |
| 2,629.000               | LOK NSTORE GROUP PLC         | \$12,430                 |
| 6,014.000               | FAIRPOINT GROUP PLC          | \$8,192                  |
| 9,601.000               | EBIQUITY PLC                 | \$12,574                 |
| 1,000.000               | SANKO MARKETING FOODS CO LTD | \$8,856                  |
| 700.000                 | AEON KYUSHU CO LTD           | \$11,505                 |
| 52.000                  | SAMSE SA                     | \$7,659                  |
| 1,310.000               | SPAREBANKEN VEST             | \$6,047                  |
| 330.000                 | CRCAM DU LANGUEDOC           | \$20,659                 |
| 1,000.000               | HIKARI FURNITURE CO LTD      | \$7,744                  |
| 1,500.000               | NAKAYAMAFUKU CO LTD          | \$10,833                 |
| 500.000                 | MAXVALU KYUSHU CO LTD        | \$8,919                  |
| 9,846.000               | ODFJELL DRILLING LTD         | \$8,440                  |
| 10,857.000              | SCALES CORP LTD              | \$25,206                 |
| 352.000                 | GLARNER KANTONALBANK         | \$7,935                  |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 5,800.000               | MAXVALU CHUBU CO LTD         | \$63,588                 |
| 1,000.000               | MARUKYO CORP                 | \$9,475                  |
| 6,800.000               | THOMSON REUTERS CORP         | \$281,474                |
| 698.000                 | FLEURY MICHON SA             | \$44,001                 |
| 6.000                   | HYPOTHEKARBANK LENZBURG REG  | \$25,104                 |
| 99,489.000              | INFRATIL LTD                 | \$243,966                |
| 1,000.000               | YAMAE HISANO CO LTD          | \$9,426                  |
| 6,600.000               | YAIKU SUIKANKAGAKU INDUSTRY  | \$62,404                 |
| 18,723.000              | NETIA SA                     | \$22,450                 |
| 97.000                  | FONCIERE EURIS               | \$4,114                  |
| 1,300.000               | LEC INC                      | \$26,016                 |
| 1,500.000               | FUKUDA DENSHI CO LTD         | \$88,461                 |
| 200.000                 | HISAMITSU PHARMACEUTICAL CO  | \$8,952                  |
| 70.000                  | TARO PHARMACEUTICAL INDUS    | \$8,862                  |
| 663.000                 | HUNTER DOUGLAS NV            | \$38,250                 |
| 6,000.000               | HURXLEY CORP                 | \$53,019                 |
| 2,000.000               | HOKKAIDO COCA COLA BOTTLING  | \$11,601                 |
| 4,500.000               | BANK OF MONTREAL             | \$298,319                |
| 4,600.000               | ROYAL BANK OF CANADA         | \$285,841                |
| 3,800.000               | CAN IMPERIAL BK OF COMMERCE  | \$301,498                |
| 13,000.000              | SHAW COMMUNICATIONS INC B    | \$259,891                |
| 7,300.000               | ROGERS COMMUNICATIONS INC B  | \$312,464                |
| 12,000.000              | PARIS MIKI HOLDINGS INC      | \$49,074                 |
| 6,400.000               | TORONTO DOMINION BANK        | \$285,453                |
| 10,498.000              | SSE PLC                      | \$206,788                |
| 10,057.000              | DIAGEO PLC                   | \$277,724                |
| 607.000                 | ASTRAZENECA PLC              | \$39,026                 |
| 2,518.000               | RELX NV                      | \$44,590                 |
| 2,983.000               | KERRY GROUP PLC A            | \$253,094                |
| 2,398.000               | MERCK KGAA                   | \$251,961                |
| 5,560.000               | ENDESA SA                    | \$113,074                |
| 1,191.000               | EBRO FOODS SA                | \$26,609                 |
| 29,000.000              | CLP HOLDINGS LTD             | \$297,412                |
| 68,137.000              | CONTACT ENERGY LTD           | \$257,054                |
| 21,881.000              | FISHER + PAYKEL HEALTHCARE C | \$153,508                |
| 300.000                 | NIPPON TELEGRAPH + TELEPHONE | \$13,185                 |
| 5,400.000               | TAKEDA PHARMACEUTICAL CO LTD | \$238,063                |
| 115,017.000             | SPARK NEW ZEALAND LTD        | \$317,508                |
| 12,700.000              | ASTELLAS PHARMA INC          | \$194,058                |
| 7,492.000               | VOESTALPINE AG               | \$247,573                |
| 31,641.000              | COCA COLA FEMSA SAB SER L    | \$234,850                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 177,330.000             | MAGYAR TELEKOM TELECOMMUNICA | \$276,199                |
| 2,591.000               | UNIPETROL AS                 | \$19,399                 |
| 776.000                 | CEZ AS                       | \$13,522                 |
| 15,500.000              | CHINA MOBILE LTD             | \$191,433                |
| 49,449.000              | BANK HAPOLIM BM              | \$264,837                |
| 6,370.000               | KOREA ELECTRIC POWER CORP    | \$331,354                |
| 10,369.000              | KT CORP                      | \$293,866                |
| 1,756.000               | POSCO                        | \$363,799                |
| 257.000                 | SAMSUNG ELECTRONICS CO LTD   | \$373,399                |
| 63,100.000              | TELEKOM MALAYSIA BHD         | \$106,424                |
| 35,100.000              | TENAGA NASIONAL BHD          | \$127,573                |
| 3,871.000               | MCBRIDE PLC                  | \$7,820                  |
| 2,849.000               | MENZIES (JOHN) PLC           | \$22,257                 |
| 536.000                 | KERUR HOLDINGS LTD           | \$12,327                 |
| 65.000                  | BASELANDS KANTONALBANK CERT  | \$60,730                 |
| 27,581.000              | EBOS GROUP LTD               | \$353,977                |
| 1,300.000               | DAISYO CORP                  | \$18,161                 |
| 36,000.000              | FUJIYA CO LTD                | \$68,913                 |
| 33,650.000              | METLIFECARE LTD              | \$148,920                |
| 32,000.000              | JMS CO LTD                   | \$82,603                 |
| 7,643.000               | NUPLEX INDUSTRIES LTD        | \$29,666                 |
| 47,389.000              | SKYCITY ENTERTAINMENT GROUP  | \$172,247                |
| 100.000                 | TOBU STORE CO LTD            | \$2,696                  |
| 31,959.000              | TRUSTPOWER LTD               | \$182,012                |
| 1,669.000               | CHECK POINT SOFTWARE TECH    | \$128,079                |
| 10,193.000              | QIAGEN N.V.                  | \$270,216                |
| 741.000                 | SK TELECOM                   | \$145,209                |
| 21,997.000              | TELIA CO AB                  | \$99,188                 |
| 4,728.000               | SMITH + NEPHEW PLC           | \$76,103                 |
| 532.000                 | SAVENCIA SA                  | \$34,366                 |
| 50,978.000              | GRUPO MEXICO SAB DE CV SER B | \$127,143                |
| 2,900.000               | HARUYAMA TRADING CO LTD      | \$20,411                 |
| 15,200.000              | TELENOR ASA                  | \$265,145                |
| 13,636.000              | GLAXOSMITHKLINE PLC          | \$292,710                |
| 3,511.000               | FLETCHER BUILDING LTD        | \$27,001                 |
| 3,696.000               | NESTLE SA REG                | \$294,536                |
| 11,108.000              | BT GROUP PLC                 | \$56,207                 |
| 7,965.000               | ARCA CONTINENTAL SAB DE CV   | \$49,465                 |
| 3,417.000               | DECHRA PHARMACEUTICALS PLC   | \$58,178                 |
| 1,100.000               | BANK OF NOVA SCOTIA          | \$58,528                 |
| 139.000                 | GALENICA AG REG              | \$161,416                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>        | <u>Base Market Value</u> |
|-------------------------|-----------------------------|--------------------------|
| 53.000                  | AGRANA BETEILIGUNGS AG      | \$6,169                  |
| 1,500.000               | NAFCO CO LTD                | \$23,667                 |
| 1,000.000               | TAKIHYO CO LTD              | \$4,099                  |
| 7,466.000               | FREIGHTWAYS LTD             | \$36,724                 |
| 55,569.000              | CENTRICA PLC                | \$169,283                |
| 1,677.000               | YPSOMED HOLDING AG REG      | \$310,635                |
| 7,528.000               | TURKCELL ILETISIM HIZMET AS | \$25,262                 |
| 19,176.000              | RYMAN HEALTHCARE LTD        | \$133,557                |
| 52,069.000              | BORYSZEW SA                 | \$81,072                 |
| 45,806.000              | RENTOKIL INITIAL PLC        | \$128,323                |
| 5,805.000               | BIM BIRLESIK MAGAZALAR AS   | \$99,460                 |
| 19,802.000              | NATIONAL GRID PLC           | \$271,406                |
| 6,200.000               | DAIICHI SANKYO CO LTD       | \$142,330                |
| 5,000.000               | OUG HOLDINGS INC            | \$11,747                 |
| 4,200.000               | YAMAZAWA CO LTD             | \$67,608                 |
| 278.000                 | MOBIMO HOLDING AG REG       | \$69,376                 |
| 12,800.000              | BRF SA                      | \$213,149                |
| 360.000                 | ICA GRUPPEN AB              | \$12,295                 |
| 64,873.000              | NORSK HYDRO ASA             | \$275,479                |
| 2,800.000               | MAXVALU NISHINIHO CO LTD    | \$42,311                 |
| 196,000.000             | THAI BEVERAGE PCL           | \$143,097                |
| 7,138.000               | OESTERREICHISCHE POST AG    | \$255,988                |
| 7,965.000               | AUSTEVOLL SEAFOOD ASA       | \$62,308                 |
| 8,000.000               | BCE INC                     | \$373,600                |
| 19,500.000              | STARHUB LTD                 | \$52,368                 |
| 1,123.000               | HOMAG GROUP AG              | \$46,779                 |
| 9,340.000               | SVENSKA CELLULOSA AB SCA B  | \$286,542                |
| 35,720.000              | MANILA ELECTRIC COMPANY     | \$238,414                |
| 42,208.000              | IBERDROLA SA                | \$277,354                |
| 2,881.000               | RECKITT BENCKISER GROUP PLC | \$277,484                |
| 512.000                 | LE NOBLE AGE                | \$17,501                 |
| 4,114.000               | COMPAGNIE DES ALPES         | \$78,352                 |
| 20,800.000              | EQUATORIAL ENERGIA SA ORD   | \$325,269                |
| 6,446.000               | TURK TELEKOMUNIKASYON AS    | \$13,005                 |
| 3,000.000               | WESTON (GEORGE) LTD         | \$258,146                |
| 4,800.000               | LOBLAW COMPANIES LTD        | \$261,027                |
| 1,100.000               | SAPUTO INC                  | \$36,553                 |
| 1,000.000               | FORTIS INC                  | \$31,439                 |
| 700.000                 | CANADIAN TIRE CORP CLASS A  | \$71,667                 |
| 400.000                 | ATCO LTD CLASS I            | \$14,667                 |
| 27,548.000              | BRADY PLC                   | \$24,534                 |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 26,298.000              | VODACOM GROUP LTD            | \$273,326                |
| 49,244.000              | PGE SA                       | \$145,289                |
| 2,680.000               | EMIS GROUP PLC               | \$35,556                 |
| 851.000                 | ORIOR AG                     | \$64,785                 |
| 11,313.000              | GVC HOLDINGS PLC             | \$102,161                |
| 4,800.000               | OTSUKA HOLDINGS CO LTD       | \$208,038                |
| 15,000.000              | ROGERS SUGAR INC             | \$72,596                 |
| 14,289.000              | SUMMERSET GROUP HOLDINGS LTD | \$57,017                 |
| 6,371.000               | BKW AG                       | \$291,787                |
| 249.000                 | NEUCA SA                     | \$23,045                 |
| 1,654.000               | GLOBALDATA PLC               | \$7,528                  |
| 6,851.000               | RICHTER GEDEON NYRT          | \$140,346                |
| 11,914.000              | Z ENERGY LTD                 | \$73,298                 |
| 21,800.000              | AMBEV SA                     | \$129,365                |
| 8,629.000               | KENNEDY WILSON EUROPE REA    | \$108,832                |
| 89,721.000              | GENESIS ENERGY LTD           | \$145,807                |
| 295.000                 | THURGAUER KANTONALBANK CERT  | \$28,132                 |
| 6,699.000               | BUWOG AG                     | \$173,916                |
| 47,440.000              | AUCKLAND INTL AIRPORT LTD    | \$258,133                |
| 8,236.000               | JD SPORTS FASHION PLC        | \$139,364                |
| 13,664.000              | WALMART DE MEXICO SAB DE CV  | \$31,081                 |
| 13,069.000              | INTERNATIONAL GAME TECHNOLOG | \$298,365                |
| 316.000                 | INTERSHOP HOLDING AG         | \$155,660                |
| 2,400.000               | TMAC RESOURCES INC           | \$29,944                 |
| 312,658.000             | LA COMER SAB DE CV           | \$283,681                |
| 610.000                 | WALLISER KANTONALBANK REG    | \$47,370                 |
| 11,884.000              | BID CORP LTD                 | \$218,068                |
| 2,096.000               | FLUGHAFEN WIEN AG            | \$58,139                 |
| 3,700.000               | CHUBU STEEL PLATE CO LTD     | \$18,172                 |
| 1,600.000               | HIMARAYA CO LTD              | \$12,591                 |
| 7,100.000               | KFC HOLDINGS JAPAN LTD       | \$128,910                |
| 11,400.000              | FRASER + NEAVE HOLDINGS BHD  | \$68,588                 |
| 5,044.000               | HAFSLUND B SHS               | \$47,168                 |
| 6,882.000               | HENNES + MAURITZ AB B SHS    | \$209,448                |
| 11,200.000              | HEINEKEN MALAYSIA BHD        | \$50,152                 |
| 7,400.000               | NESTLE (MALAYSIA) BERHAD     | \$143,858                |
| 595.000                 | OBERBANK AG                  | \$38,137                 |
| 2,614.000               | OCEAN WILSONS HOLDINGS LTD   | \$33,037                 |
| 12,000.000              | GOURMET KINEYA CO LTD        | \$115,319                |
| 9,000.000               | JOBAN KOSAN CO LTD           | \$13,226                 |
| 1,300.000               | MEITO SANGYO CO LTD          | \$16,615                 |

**BURROUGHS WELLCOME FUND**  
**990-PF FOR 2015**  
**FISCAL YEAR ENDED 8/31/2016**  
**PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 6,000.000               | NITTO FUJI FLOUR MILLING CO  | \$19,432                 |
| 4,600.000               | ST CORP                      | \$51,143                 |
| 9,583.000               | SANFORD LIMITED              | \$40,672                 |
| 21,000.000              | HONG LEONG FINANCE LTD       | \$34,516                 |
| 1,178.000               | NEURONES                     | \$28,221                 |
| 2,200.000               | KANEMI CO LTD                | \$73,911                 |
| 1,200.000               | OTOYA HOLDINGS CO LTD        | \$21,648                 |
| 700.000                 | LASSONDE INDS INC CLASS A    | \$111,489                |
| 344.000                 | DAMARTEX                     | \$9,827                  |
| 800.000                 | SEED CO LTD/TOKYO            | \$9,521                  |
| 3,400.000               | STEP CO LTD                  | \$35,862                 |
| 5,000.000               | CENTRAL AUTOMOTIVE PRODUCTS  | \$45,391                 |
| 1,708.000               | KNAFAIM HOLDINGS LTD         | \$15,667                 |
| 302.000                 | KISCO HOLDINGS CO LTD        | \$18,283                 |
| 1,800.000               | NIPPON CARE SUPPLY CO LTD    | \$14,722                 |
| 2,217.000               | SPAREBANK 1 NORD NORGE       | \$11,084                 |
| 4,963.000               | MAINFREIGHT LTD              | \$61,931                 |
| 7,593.000               | MARINE HARVEST               | \$117,248                |
| 1,400.000               | EBARA FOODS INDUSTRY INC     | \$25,311                 |
| 36,834.000              | PARMALAT SPA                 | \$96,242                 |
| 23,120.000              | CHARM ENGINEERING CO LTD     | \$60,340                 |
| 1,100.000               | HABA LABORATORIES INC        | \$34,669                 |
| 1,974.000               | CA NORD DE FRANCE CCI        | \$36,870                 |
| 3,435.000               | CARETECH HOLDINGS PLC        | \$12,282                 |
| 4,721.000               | ECO ANIMAL HEALTH GROUP PLC  | \$26,896                 |
| 200.000                 | MEDIKIT CO LTD               | \$8,595                  |
| 2,733.000               | CHARACTER GROUP PLC          | \$18,076                 |
| 45,047.000              | IDOX PLC                     | \$43,732                 |
| 17,957.000              | CONYGAR INVESTMENT CO PLC    | \$37,629                 |
| 361.000                 | KAUFMAN + BROAD SA           | \$14,997                 |
| 22,600.000              | BRASILAGRO CIA BRASILEIRA DE | \$84,353                 |
| 7,454.000               | BIOQUELL PLC                 | \$13,423                 |
| 400.000                 | KOIKE YA INC                 | \$11,598                 |
| 1,000.000               | MATTIOLI WOODS PLC           | \$8,526                  |
| 538.000                 | BASTIDE LE CONFORT MEDICAL   | \$12,733                 |
| 176.000                 | CA ATLANTIQUE VENDEE CCI     | \$20,288                 |
| 6,400.000               | DUTCH LADY MILK INDS BHD     | \$93,424                 |
| 1,000.000               | MAXVALU TOHOKU CO LTD        | \$10,983                 |
| 3,237.000               | ABANO HEALTHCARE GROUP LTD   | \$19,351                 |
| 101.000                 | CA NORMANDIE SEINE CCI       | \$11,598                 |
| 4,228.000               | DANONE                       | \$320,725                |

**BURROUGHS WELLCOME FUND**  
**990-PF FOR 2015**  
**FISCAL YEAR ENDED 8/31/2016**  
**PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 175,677.000             | THOMAS COOK GROUP PLC        | \$160,139                |
| 15,012.000              | CAIXABANK S.A                | \$40,344                 |
| 1,000.000               | RECKITT BENCKISER GROUP PLC  | \$96,315                 |
| 10,672.000              | HENDERSON GROUP PLC          | \$33,321                 |
| 3,200.000               | ALIMENTATION COUCHE TARD B   | \$164,945                |
| 1,700.000               | HOSHIZAKI CORP               | \$135,921                |
| 17,000.000              | CENTERRA GOLD INC            | \$84,997                 |
| 24,800.000              | WYNN MACAU LTD               | \$34,530                 |
| 4,126.000               | JULIUS BAER GROUP LTD        | \$173,136                |
| 1,986.000               | BRENNTAG AG                  | \$107,919                |
| 1,862.000               | AMADEUS IT GROUP SA          | \$85,430                 |
| 1,552.000               | EDENRED                      | \$33,741                 |
| 56,600.000              | AIA GROUP LTD                | \$357,912                |
| 16,000.000              | SAMSONITE INTERNATIONAL SA   | \$50,537                 |
| 1,609.000               | DKSH HOLDING AG              | \$111,601                |
| 11,000.000              | ENSCO PLC CL A               | \$83,490                 |
| 4,800.000               | LABRADOR IRON ORE ROYALTY CO | \$47,559                 |
| 6,509.000               | ASML HOLDING NV              | \$691,375                |
| 2,107.000               | GEMALTO                      | \$146,550                |
| 5,554.000               | LIBERTY GLOBAL PLC A         | \$175,784                |
| 1,368.000               | LIBERTY GLOBAL PLC SERIES C  | \$42,175                 |
| 2,475.000               | PROSIEBENSAT.1 MEDIA SE      | \$106,292                |
| 4,871.000               | CIE FINANCIERE RICHEMONT REG | \$280,843                |
| 8,854.000               | SFR GROUP SA                 | \$235,188                |
| 10,462.000              | NOVO NORDISK A/S B           | \$489,550                |
| 80,989.000              | VODAFONE GROUP PLC           | \$243,805                |
| 4,100.000               | CYBERDYNE INC                | \$64,571                 |
| 5,300.000               | AGGREKO PLC                  | \$70,733                 |
| 12,600.000              | WEATHERFORD INTERNATIONAL PL | \$68,922                 |
| 1,800.000               | RECRUIT HOLDINGS CO LTD      | \$68,478                 |
| 9,600.000               | MICRO FOCUS INTERNATIONAL    | \$251,211                |
| 10,233.000              | UBS GROUP AG REG             | \$148,098                |
| 4,400.000               | MEDTRONIC PLC                | \$382,932                |
| 9,873.000               | SVENSKA HANDELSBANKEN A SHS  | \$127,213                |
| 9,462.000               | ASSA ABLOY AB B              | \$191,316                |
| 954.000                 | SPIRAX SARCO ENGINEERING PLC | \$54,151                 |
| 872.000                 | DEUTSCHE BOERSE AG TENDER    | \$74,393                 |
| 4,940.000               | ING GROEP NV                 | \$61,732                 |
| 9,910.000               | SPORTS DIRECT INTERNATIONAL  | \$38,587                 |
| 63,816.000              | OCADO GROUP PLC              | \$254,584                |
| 54,456.000              | GLENCORE PLC                 | \$124,134                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 55,167.000              | AA PLC                       | \$195,225                |
| 107,650.000             | BCA MARKETPLACE PLC          | \$279,863                |
| 30,790.000              | MEGGITT PLC                  | \$188,845                |
| 1,016.000               | ASSOCIATED BRITISH FOODS PLC | \$40,465                 |
| 1,500.000               | KANSAI PAINT CO LTD          | \$33,050                 |
| 700.000                 | NIFCO INC                    | \$35,259                 |
| 800.000                 | YAMATO KOGYO CO LTD          | \$24,479                 |
| 2,400.000               | RINNAI CORP                  | \$225,069                |
| 5,010.000               | ARM HOLDINGS PLC             | \$111,285                |
| 3,639.000               | SOCIETE GENERALE SA          | \$132,308                |
| 2,032.000               | FIDESSA GROUP PLC            | \$66,027                 |
| 7,721.000               | HALMA PLC                    | \$107,189                |
| 2,635.000               | L OREAL                      | \$496,997                |
| 2,310.000               | LVMH MOET HENNESSY LOUIS VUI | \$390,288                |
| 2,527.000               | BAYERISCHE MOTOREN WERKE AG  | \$219,555                |
| 3,340.000               | ELRINGKLINGER AG             | \$57,417                 |
| 1,688.000               | PUBLICIS GROUPE              | \$125,115                |
| 353.000                 | FIELMANN AG                  | \$27,568                 |
| 2,328.000               | GENMAB A/S                   | \$371,360                |
| 40,857.000              | TULLOW OIL PLC               | \$116,599                |
| 29,959.000              | FIRST QUANTUM MINERALS LTD   | \$226,967                |
| 8,125.000               | PAGEGROUP PLC                | \$36,925                 |
| 10,000.000              | MITSUBISHI UFJ FINANCIAL GRO | \$54,537                 |
| 1,768.000               | ROCHE HOLDING AG GENUSSCHEIN | \$431,496                |
| 1,504.000               | NOVARTIS AG REG              | \$118,477                |
| 2,770.000               | ADECCO GROUP AG REG          | \$159,566                |
| 3,313.000               | LAFARGEHOLCIM LTD REG        | \$175,841                |
| 5,370.000               | NESTLE SA REG                | \$427,939                |
| 2,212.000               | JCDECAUX SA                  | \$75,879                 |
| 432,368.000             | BANK OF IRELAND              | \$97,273                 |
| 263.000                 | SWATCH GROUP AG/THE BR       | \$67,747                 |
| 9,668.000               | CREDIT SUISSE GROUP AG REG   | \$126,047                |
| 7,136.000               | ZODIAC AEROSPACE             | \$162,133                |
| 3,736.000               | BNP PARIBAS                  | \$189,761                |
| 15,000.000              | BOC HONG KONG HOLDINGS LTD   | \$52,503                 |
| 2,600.000               | CARNIVAL PLC                 | \$124,427                |
| 9,400.000               | GOLAR LNG LTD                | \$195,802                |
| 1,233.000               | HEINEKEN NV                  | \$109,998                |
| 44,600.000              | SINGAPORE TELECOMMUNICATIONS | \$131,557                |
| 500.000                 | ASAHI INTECC CO LTD          | \$22,236                 |
| 4,500.000               | SAFRAN SA                    | \$314,144                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C)**

| <u>Shares/Par Value</u> | <u>Security Name</u>        | <u>Base Market Value</u> |
|-------------------------|-----------------------------|--------------------------|
| 5,188.000               | LANXESS AG                  | \$276,426                |
| 13,018.000              | GRAINGER PLC                | \$39,504                 |
| 17,776.000              | SEEK LTD                    | \$214,688                |
| 1,650.000               | MTU AERO ENGINES AG         | \$167,524                |
| 25.000                  | VIENNA INSURANCE GROUP AG   | \$491                    |
| 1,964.000               | ROYAL DUTCH SHELL PLC A SHS | \$48,156                 |
| 6,400.000               | ROYAL DUTCH SHELL PLC B SHS | \$162,780                |
| 18,830.000              | SEADRILL LTD                | \$46,550                 |
| 3,840.000               | REA GROUP LTD               | \$169,146                |
| 1,200.000               | SEVEN + I HOLDINGS CO LTD   | \$50,594                 |
| 2,797.000               | KONINKLIJKE DSM NV          | \$194,666                |
| 1,815.000               | GREENE KING PLC             | \$19,314                 |
| 16,201.000              | TAG IMMOBILIEN AG           | \$232,676                |
| 582.000                 | PARTNERS GROUP HOLDING AG   | \$267,144                |
| 1,274.000               | CASTELLUM AB                | \$19,223                 |
| 4,671.000               | TOTAL SA                    | \$222,399                |
| 1,879.000               | MODERN TIMES GROUP B SHS    | \$47,151                 |
| 9,813.000               | DEUTSCHE WOHNEN AG BR       | \$368,315                |
| 21,449.000              | HOME RETAIL GROUP           | \$44,863                 |
| 1,858.000               | ELECTROLUX AB SER B         | \$48,314                 |
| 976.000                 | FREENET AG                  | \$27,980                 |
| 20,100.000              | HAMAMATSU PHOTONICS KK      | \$632,528                |
| 15,235.000              | INFRATIL LTD                | \$37,359                 |
| 2,000.000               | RESORTTRUST INC             | \$42,616                 |
| 2,500.000               | SYSMEX CORP                 | \$161,212                |
| 5,100.000               | RAKUTEN INC                 | \$64,295                 |
| 800.000                 | GLORY LTD                   | \$25,639                 |
| 4,500.000               | ENBRIDGE INC                | \$177,387                |
| 5,527.000               | AIRBUS GROUP SE             | \$321,881                |
| 1,300.000               | ORACLE CORP JAPAN           | \$75,661                 |
| 1,000.000               | CANADIAN NATL RAILWAY CO    | \$64,228                 |
| 3,700.000               | POTASH CORP OF SASKATCHEWAN | \$67,004                 |
| 800.000                 | TREND MICRO INC             | \$28,385                 |
| 15,073.000              | OIL SEARCH LTD              | \$76,125                 |
| 2,800.000               | JARDINE MATHESON HLDGS LTD  | \$167,580                |
| 98.000                  | HERMES INTERNATIONAL        | \$41,323                 |
| 700.000                 | RYOHIN KEIKAKU CO LTD       | \$126,282                |
| 3,485.000               | GEA GROUP AG                | \$186,754                |
| 890.000                 | KEYENCE CORP                | \$624,080                |
| 5,500.000               | KDDI CORP                   | \$161,435                |
| 3,978.000               | DIAGEO PLC                  | \$109,853                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 15,904.000              | PRUDENTIAL PLC               | \$284,010                |
| 5,903.000               | RIO TINTO PLC                | \$177,894                |
| 220,887.000             | LLOYDS BANKING GROUP PLC     | \$171,697                |
| 6,709.000               | ASTRAZENECA PLC              | \$431,343                |
| 2,322.000               | CARLSBERG AS B               | \$217,342                |
| 7,431.000               | DNB ASA                      | \$90,247                 |
| 3,703.000               | PERNOD RICARD SA             | \$424,382                |
| 3,710.000               | SAP SE                       | \$325,437                |
| 2,474.000               | SAMPO OYJ A SHS              | \$106,056                |
| 610.000                 | KERING                       | \$115,462                |
| 3,812.000               | DAIMLER AG REGISTERED SHARES | \$263,568                |
| 6,132.000               | DEUTSCHE TELEKOM AG REG      | \$102,238                |
| 12,275.000              | ASAHI KASEI CORP             | \$103,531                |
| 3,497.000               | DBS GROUP HOLDINGS LTD       | \$38,464                 |
| 2,708.000               | ANSELL LTD                   | \$45,711                 |
| 900.000                 | FANUC CORP                   | \$153,401                |
| 4,700.000               | WHARF HOLDINGS LTD           | \$33,205                 |
| 27,000.000              | IHI CORP                     | \$82,487                 |
| 2,000.000               | JGC CORP                     | \$31,730                 |
| 9,000.000               | KUBOTA CORP                  | \$131,996                |
| 4,000.000               | MURATA MANUFACTURING CO LTD  | \$537,729                |
| 5,152.000               | NEWCREST MINING LTD          | \$85,919                 |
| 1,400.000               | DENSO CORP                   | \$57,822                 |
| 400.000                 | NIDEC CORP                   | \$36,050                 |
| 500.000                 | ROHM CO LTD                  | \$24,992                 |
| 1,000.000               | SMC CORP                     | \$281,723                |
| 3,800.000               | SOFTBANK GROUP CORP          | \$248,202                |
| 500.000                 | SHIN ETSU CHEMICAL CO LTD    | \$36,709                 |
| 1,200.000               | SHIMANO INC                  | \$174,486                |
| 23,165.000              | ILUKA RESOURCES LTD          | \$114,556                |
| 769.000                 | RENAULT SA                   | \$62,788                 |
| 7,900.000               | NTT DOCOMO INC               | \$198,808                |
| 10,800.000              | RICOH CO LTD                 | \$97,418                 |
| 47,899.000              | BANK LEUMI LE ISRAEL         | \$179,043                |
| 45,345.000              | TENCENT HOLDINGS LTD         | \$1,179,698              |
| 8,435.000               | NOVO NORDISK A/S B           | \$394,700                |
| 19,176.000              | GRIFOLS SA                   | \$405,574                |
| 10,148.000              | FRESENIUS SE + CO KGAA       | \$739,398                |
| 54,600.000              | CAMECO CORP                  | \$503,412                |
| 15,400.000              | CYBERAGENT INC               | \$835,249                |
| 24,426.000              | ASSTEAD GROUP PLC            | \$404,683                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 55,860.000              | MANULIFE FINANCIAL CORP      | \$762,489                |
| 861.000                 | HERMES INTERNATIONAL         | \$363,054                |
| 1,223.000               | KEYENCE CORP                 | \$857,584                |
| 44,378.000              | PRUDENTIAL PLC               | \$792,491                |
| 4,617.000               | KERRY GROUP PLC A            | \$391,731                |
| 2,657.000               | CONTINENTAL AG               | \$556,040                |
| 3,972.000               | PERNOD RICARD SA             | \$455,210                |
| 4,298.000               | BAYER AG REG                 | \$459,398                |
| 5,557.000               | SIEMENS AG REG               | \$662,544                |
| 41,000.000              | DBS GROUP HOLDINGS LTD       | \$450,959                |
| 10,840.000              | NIDEC CORP                   | \$976,947                |
| 13,100.000              | SOFTBANK GROUP CORP          | \$855,645                |
| 75,000.000              | TORAY INDUSTRIES INC         | \$722,483                |
| 9,900.000               | TOYOTA MOTOR CORP            | \$597,053                |
| 117,202.000             | GRUPO FINANCIERO BANORTE O   | \$628,659                |
| 2,662.000               | CHRISTIAN DIOR SE            | \$459,544                |
| 10,003.000              | UNITED INTERNET AG REG SHARE | \$410,651                |
| 240,400.000             | GRUPO MEXICO SAB DE CV SER B | \$599,575                |
| 26,759.000              | TELENOR ASA                  | \$466,777                |
| 572.000                 | LG HOUSEHOLD + HEALTH CARE   | \$487,867                |
| 1,632.000               | ROCHE HOLDING AG GENUSSCHEIN | \$398,304                |
| 4,933.000               | NESTLE SA REG                | \$393,114                |
| 51,441.000              | CREDIT SUISSE GROUP AG REG   | \$670,662                |
| 5,393.000               | CANADIAN PACIFIC RAILWAY LTD | \$825,722                |
| 33,804.000              | ZODIAC AEROSPACE             | \$768,043                |
| 13,665.000              | CARNIVAL PLC                 | \$653,958                |
| 5,796.000               | ILIAD SA                     | \$1,193,261              |
| 118,000.000             | TECHTRONIC INDUSTRIES CO LTD | \$478,435                |
| 127,000.000             | PING AN INSURANCE GROUP CO H | \$657,369                |
| 6,286.000               | SAFRAN SA                    | \$438,825                |
| 19,938.000              | ROYAL DUTCH SHELL PLC B SHS  | \$507,110                |
| 9,800.000               | SEVEN + I HOLDINGS CO LTD    | \$413,185                |
| 1,534.000               | PARTNERS GROUP HOLDING AG    | \$704,121                |
| 14,140.000              | LONDON STOCK EXCHANGE GROUP  | \$510,203                |
| 1,271.000               | AMOREPACIFIC CORP            | \$440,005                |
| 13,421.000              | HEXAGON AB B SHS             | \$545,547                |
| 7,283.000               | RIGHTMOVE PLC                | \$390,985                |
| 12,572.000              | SHIRE PLC                    | \$783,924                |
| 1,000,000.000           | CHINA LONGYUAN POWER GROUP H | \$840,558                |
| 10,300.000              | NXP SEMICONDUCTORS NV        | \$906,606                |
| 136,600.000             | AIA GROUP LTD                | \$863,793                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C)**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 265,000.000             | CITIC SECURITIES CO LTD H    | \$592,400                |
| 8,400.000               | AMBEV SA                     | \$49,847                 |
| 21,569.000              | NOVO NORDISK A/S B           | \$1,009,282              |
| 43,149.000              | UBS GROUP AG REG             | \$624,476                |
| 42,784.000              | INDIVIOR PLC                 | \$176,284                |
| 26,439.000              | ATLAS COPCO AB A SHS         | \$748,538                |
| 573.000                 | LIBERTY GLOBAL PLC LILAC A   | \$16,118                 |
| 677.000                 | LIBERTY GLOBAL PLC LILAC C   | \$19,335                 |
| 7,018.000               | FRESENIUS SE + CO KGAA       | \$511,342                |
| 16,334.000              | ERSTE GROUP BANK AG          | \$458,165                |
| 164.000                 | HERMES INTERNATIONAL         | \$69,153                 |
| 19,880.000              | FREEPORT MCMORAN INC         | \$204,565                |
| 13,730.000              | INVESTOR AB B SHS            | \$483,501                |
| 31,349.000              | DIAGEO PLC                   | \$865,703                |
| 845,582.000             | LLOYDS BANKING GROUP PLC     | \$657,276                |
| 6,677.000               | MICHELIN (CGDE)              | \$708,699                |
| 8,733.000               | PERNOD RICARD SA             | \$1,000,844              |
| 9,442.000               | SCHNEIDER ELECTRIC SE        | \$642,424                |
| 7,407.000               | SAP SE                       | \$649,734                |
| 5,658.000               | BAYER AG REG                 | \$604,764                |
| 3,863.000               | FRESENIUS MEDICAL CARE AG +  | \$341,354                |
| 3,794.000               | ALLIANZ SE REG               | \$564,324                |
| 87,447.000              | BANCO BILBAO VIZCAYA ARGENTA | \$543,264                |
| 4,098.000               | DAIMLER AG REGISTERED SHARES | \$283,342                |
| 4,357.000               | LINDE AG                     | \$745,118                |
| 3,300.000               | FANUC CORP                   | \$562,469                |
| 9,100.000               | HOYA CORP                    | \$352,704                |
| 1,600.000               | SMC CORP                     | \$450,757                |
| 13,118.000              | SCHLUMBERGER LTD             | \$1,036,322              |
| 8,951.000               | BARRICK GOLD CORP            | \$152,257                |
| 8,847.000               | WEIR GROUP PLC/THE           | \$174,615                |
| 4,347.000               | L OREAL                      | \$819,903                |
| 6,689.000               | ANHEUSER BUSCH INBEV SA/NV   | \$827,308                |
| 31,732.000              | VIVENDI                      | \$614,235                |
| 90,609.000              | STANDARD CHARTERED PLC       | \$761,865                |
| 4,557.000               | ROCHE HOLDING AG GENUSSCHEIN | \$1,112,176              |
| 11,841.000              | NOVARTIS AG REG              | \$932,770                |
| 26,365.000              | AXA SA                       | \$552,631                |
| 8,145.000               | LAFARGEHOLCIM LTD REG        | \$432,305                |
| 13,239.000              | NESTLE SA REG                | \$1,055,024              |
| 10,838.000              | JCDECAUX SA                  | \$371,781                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 1,004.000               | SWATCH GROUP AG/THE BR       | \$258,625                |
| 7,429.000               | ESSILOR INTERNATIONAL        | \$942,000                |
| 8,500.000               | DENTSU INC                   | \$467,588                |
| 20,700.000              | TOKIO MARINE HOLDINGS INC    | \$813,311                |
| 11,662.000              | WYNN RESORTS LTD             | \$1,041,650              |
| 8,945.000               | HEINEKEN NV                  | \$797,995                |
| 35,760.000              | LAS VEGAS SANDS CORP         | \$1,795,510              |
| 38,400.000              | GENTING BHD                  | \$73,855                 |
| 6,984.000               | RECKITT BENCKISER GROUP PLC  | \$672,666                |
| 17,367.000              | SHIRE PLC                    | \$1,082,916              |
| 78,567.000              | ROLLS ROYCE HOLDINGS PLC     | \$792,323                |
| 10,400.000              | MGM CHINA HOLDINGS LTD       | \$16,009                 |
| 5,172.000               | ASML HOLDING NV              | \$549,361                |
| 6,086.000               | LIBERTY GLOBAL PLC A         | \$192,622                |
| 5,433.000               | LIBERTY GLOBAL PLC SERIES C  | \$167,499                |
| 8,700.000               | CIE FINANCIERE RICHEMONT REG | \$501,608                |
| 58,000.000              | NORDIC AMERICAN TANKERS LTD  | \$595,080                |
| 24,600.000              | WINTRUST FINANCIAL CORP      | \$1,367,268              |
| 28,000.000              | SYKES ENTERPRISES INC        | \$818,440                |
| 45,000.000              | AMERICAN EAGLE OUTFITTERS    | \$834,300                |
| 28,800.000              | CSG SYSTEMS INTL INC         | \$1,259,136              |
| 58,255.000              | COMMERCIAL METALS CO         | \$904,118                |
| 33,640.000              | GREENBRIER COMPANIES INC     | \$1,140,060              |
| 33,470.000              | WERNER ENTERPRISES INC       | \$772,488                |
| 29,690.000              | GLACIER BANCORP INC          | \$888,919                |
| 21,785.000              | AVISTA CORP                  | \$884,907                |
| 17,065.000              | GATX CORP                    | \$748,300                |
| 56,000.000              | OLD REPUBLIC INTL CORP       | \$1,076,880              |
| 33,650.000              | OLIN CORP                    | \$728,186                |
| 16,200.000              | WORTHINGTON INDUSTRIES       | \$694,980                |
| 23,000.000              | ACETO CORP                   | \$464,370                |
| 33,415.000              | BARNES GROUP INC             | \$1,381,376              |
| 14,200.000              | CIRRUS LOGIC INC             | \$720,650                |
| 18,075.000              | EL PASO ELECTRIC CO          | \$825,847                |
| 10,800.000              | EMCOR GROUP INC              | \$618,408                |
| 42,020.000              | FINISH LINE/THE CL A         | \$1,011,421              |
| 10,040.000              | ICU MEDICAL INC              | \$1,252,691              |
| 33,215.000              | OMEGA PROTEIN CORP           | \$837,350                |
| 104,185.000             | CVB FINANCIAL CORP           | \$1,853,451              |
| 93,995.000              | FNB CORP                     | \$1,173,998              |
| 18,500.000              | GROUP 1 AUTOMOTIVE INC       | \$1,097,790              |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>          | <u>Base Market Value</u> |
|-------------------------|-------------------------------|--------------------------|
| 25,040.000              | OWENS + MINOR INC             | \$860,625                |
| 45,385.000              | PROGRESS SOFTWARE CORP        | \$1,316,619              |
| 58,610.000              | TAKE TWO INTERACTIVE SOFTWARE | \$2,547,777              |
| 76,300.000              | TUESDAY MORNING CORP          | \$508,921                |
| 48,800.000              | COGNEX CORP                   | \$2,428,288              |
| 6,540.000               | SNAP ON INC                   | \$1,002,517              |
| 19,000.000              | BRINKER INTERNATIONAL INC     | \$1,020,490              |
| 9,450.000               | SENSIENT TECHNOLOGIES CORP    | \$692,024                |
| 33,360.000              | MEDCATH CORPORATION           | \$334                    |
| 94,315.000              | BROOKS AUTOMATION INC         | \$1,189,312              |
| 25,000.000              | TESSERA TECHNOLOGIES INC      | \$838,500                |
| 15,700.000              | CABELA S INC                  | \$769,143                |
| 17,100.000              | VIAD CORP                     | \$611,496                |
| 21,380.000              | WELLCARE HEALTH PLANS INC     | \$2,409,526              |
| 22,460.000              | AMERISAFE INC                 | \$1,347,825              |
| 39,130.000              | WESTERN REFINING INC          | \$984,511                |
| 14,785.000              | INNOSPEC INC                  | \$876,455                |
| 154,220.000             | GRAN TIERRA ENERGY INC        | \$427,189                |
| 22,645.000              | IPG PHOTONICS CORP            | \$1,969,662              |
| 19,250.000              | ARGO GROUP INTERNATIONAL      | \$1,092,245              |
| 334,090.000             | TEEKAY TANKERS LTD CLASS A    | \$871,975                |
| 103,835.000             | CNO FINANCIAL GROUP INC       | \$1,687,319              |
| 21,095.000              | GLOBAL INDEMNITY PLC          | \$608,591                |
| 35,000.000              | BANC OF CALIFORNIA INC        | \$781,200                |
| 30,028.000              | CALATLANTIC GROUP INC         | \$1,095,722              |
| 11,425.000              | SPIRE INC                     | \$739,198                |
| 43,365.000              | HOPE BANCORP INC              | \$745,878                |
| 36,000.000              | RUDOLPH TECHNOLOGIES INC      | \$631,440                |
| 371.000                 | ALPHABET INC CL C             | \$284,576                |
| 920.000                 | ALPHABET INC CL A             | \$726,662                |
| 3,600.000               | VCA INC                       | \$254,916                |
| 3,900.000               | 3M CO                         | \$699,036                |
| 1,300.000               | BANK OF HAWAII CORP           | \$93,652                 |
| 6,400.000               | REGAL ENTERTAINMENT GROUP A   | \$136,832                |
| 4,200.000               | YUM BRANDS INC                | \$380,982                |
| 2,900.000               | JM SMUCKER CO/THE             | \$411,191                |
| 1,100.000               | CENTERPOINT ENERGY INC        | \$24,717                 |
| 5,000.000               | COMCAST CORP CLASS A          | \$326,300                |
| 4,200.000               | ENDURANCE SPECIALTY HOLDINGS  | \$276,570                |
| 2,000.000               | CARNIVAL CORP                 | \$95,600                 |
| 10.000                  | PRICELINE GROUP INC/THE       | \$14,167                 |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 3,900.000               | AXIS CAPITAL HOLDINGS LTD    | \$221,793                |
| 2,000.000               | CARTER S INC                 | \$190,580                |
| 5,700.000               | ASPEN INSURANCE HOLDINGS LTD | \$261,972                |
| 5,000.000               | PATTERSON COS INC            | \$230,000                |
| 1,600.000               | MORNINGSTAR INC              | \$132,912                |
| 4,800.000               | C.H. ROBINSON WORLDWIDE INC  | \$333,216                |
| 21,700.000              | AT+T INC                     | \$887,096                |
| 3,200.000               | HANOVER INSURANCE GROUP INC/ | \$250,240                |
| 11,700.000              | CA INC                       | \$396,747                |
| 3,500.000               | TRAVELERS COS INC/THE        | \$415,485                |
| 6,800.000               | BROADRIDGE FINANCIAL SOLUTIO | \$471,240                |
| 7,300.000               | CINEMARK HOLDINGS INC        | \$282,145                |
| 5,400.000               | TFS FINANCIAL CORP           | \$97,956                 |
| 2,400.000               | BANK OF NEW YORK MELLON CORP | \$100,008                |
| 5,300.000               | VALIDUS HOLDINGS LTD         | \$269,187                |
| 7,500.000               | GENPACT LTD                  | \$177,450                |
| 2,500.000               | HILL ROM HOLDINGS INC        | \$148,275                |
| 3,200.000               | AMERICAN WATER WORKS CO INC  | \$236,768                |
| 5,300.000               | DR PEPPER SNAPPLE GROUP INC  | \$496,610                |
| 200.000                 | IAC/INTERACTIVECORP          | \$11,742                 |
| 3,900.000               | ACCENTURE PLC CL A           | \$448,500                |
| 13,000.000              | MERCK + CO. INC.             | \$816,270                |
| 2,700.000               | DOLLAR GENERAL CORP          | \$198,207                |
| 4,100.000               | PILGRIM S PRIDE CORP         | \$94,628                 |
| 1,200.000               | NEXTERA ENERGY INC           | \$145,128                |
| 6,400.000               | ALLIED WORLD ASSURANCE CO    | \$259,584                |
| 4,800.000               | MOTOROLA SOLUTIONS INC       | \$369,552                |
| 1,700.000               | O REILLY AUTOMOTIVE INC      | \$475,915                |
| 2,100.000               | HUNTINGTON INGALLS INDUSTRIE | \$346,857                |
| 1,100.000               | TELEPHONE AND DATA SYSTEMS   | \$30,657                 |
| 5,000.000               | AON PLC                      | \$556,750                |
| 800.000                 | EXPRESS SCRIPTS HOLDING CO   | \$58,160                 |
| 3,600.000               | INGREDION INC                | \$493,056                |
| 5,600.000               | PINNACLE FOODS INC           | \$283,640                |
| 2,000.000               | MURPHY USA INC               | \$146,240                |
| 10,700.000              | ARAMARK                      | \$405,851                |
| 6,000.000               | CDK GLOBAL INC               | \$347,880                |
| 2,800.000               | VWR CORP                     | \$78,148                 |
| 100.000                 | WALGREENS BOOTS ALLIANCE INC | \$8,071                  |
| 1,300.000               | MEDTRONIC PLC                | \$113,139                |
| 400.000                 | CABLE ONE INC                | \$216,448                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 3,400.000               | GENERAL DYNAMICS CORP        | \$517,548                |
| 5,300.000               | HONEYWELL INTERNATIONAL INC  | \$618,563                |
| 9,300.000               | PROCTER + GAMBLE CO WHEN DIS | \$811,983                |
| 4,900.000               | CVS HEALTH CORP              | \$457,660                |
| 2,900.000               | EXXON MOBIL CORP             | \$252,706                |
| 5,600.000               | HOME DEPOT INC               | \$751,072                |
| 15,100.000              | MICROSOFT CORP               | \$867,646                |
| 4,500.000               | OMNICOM GROUP                | \$387,585                |
| 10,100.000              | ORACLE CORP                  | \$416,322                |
| 18,500.000              | PFIZER INC                   | \$643,800                |
| 9,400.000               | WAL MART STORES INC          | \$671,536                |
| 1,200.000               | WATERS CORP                  | \$188,772                |
| 3,100.000               | BAXTER INTERNATIONAL INC     | \$144,863                |
| 2,200.000               | KIMBERLY CLARK CORP          | \$281,732                |
| 5,200.000               | INTL BUSINESS MACHINES CORP  | \$826,176                |
| 7,100.000               | LOWE S COS INC               | \$543,576                |
| 8,600.000               | MARSH + MCLENNAN COS         | \$581,618                |
| 9,800.000               | SYSCO CORP                   | \$508,228                |
| 9,400.000               | TEXAS INSTRUMENTS INC        | \$653,676                |
| 3,700.000               | COSTCO WHOLESALE CORP        | \$599,733                |
| 8,200.000               | INTEL CORP                   | \$294,298                |
| 7,700.000               | JOHNSON + JOHNSON            | \$918,918                |
| 5,100.000               | ELI LILLY + CO               | \$396,525                |
| 5,600.000               | MCDONALD S CORP              | \$647,696                |
| 9,100.000               | SYNOPSYS INC                 | \$539,539                |
| 4,000.000               | TARGET CORP                  | \$280,760                |
| 7,900.000               | WASTE MANAGEMENT INC         | \$505,126                |
| 6,500.000               | CARDINAL HEALTH INC          | \$517,855                |
| 10,200.000              | KROGER CO                    | \$326,298                |
| 6,700.000               | PEPSICO INC                  | \$715,225                |
| 5,000.000               | UNITED PARCEL SERVICE CL B   | \$546,100                |
| 8,000.000               | COLGATE PALMOLIVE CO         | \$594,720                |
| 2,400.000               | ECOLAB INC                   | \$295,320                |
| 8,400.000               | GENERAL MILLS INC            | \$594,888                |
| 500.000                 | AUTOZONE INC                 | \$370,900                |
| 3,500.000               | BOEING CO/THE                | \$453,075                |
| 2,800.000               | FISERV INC                   | \$288,540                |
| 100.000                 | HERSHEY CO/THE               | \$9,989                  |
| 1,600.000               | SUNTRUST BANKS INC           | \$70,512                 |
| 2,500.000               | VERISIGN INC                 | \$186,125                |
| 5,700.000               | BRINKER INTERNATIONAL INC    | \$306,147                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 500.000                 | ADOBE SYSTEMS INC            | \$51,155                 |
| 2,200.000               | CR BARD INC                  | \$485,848                |
| 900.000                 | MCCORMICK + CO NON VTG SHRS  | \$91,764                 |
| 4,600.000               | UNITEDHEALTH GROUP INC       | \$625,830                |
| 2,300.000               | CARLISLE COS INC             | \$241,178                |
| 6,900.000               | CAMPBELL SOUP CO             | \$418,968                |
| 7,300.000               | VECTREN CORP                 | \$357,043                |
| 8,000.000               | AMDOCS LTD                   | \$480,960                |
| 6,100.000               | TYSON FOODS INC CL A         | \$460,977                |
| 2,200.000               | DANAHER CORP                 | \$179,102                |
| 9,400.000               | REPUBLIC SERVICES INC        | \$474,888                |
| 9,900.000               | STARBUCKS CORP               | \$556,677                |
| 16,500.000              | VERIZON COMMUNICATIONS INC   | \$863,445                |
| 1,700.000               | US CELLULAR CORP             | \$63,274                 |
| 100.000                 | CONSTELLATION BRANDS INC A   | \$16,405                 |
| 1,500.000               | NEW YORK COMMUNITY BANCORP   | \$22,665                 |
| 2,100.000               | RAYTHEON COMPANY             | \$294,273                |
| 200.000                 | ZIMMER BIOMET HOLDINGS INC   | \$25,922                 |
| 3,800.000               | AMERISOURCEBERGEN CORP       | \$330,486                |
| 900.000                 | ERIE INDEMNITY COMPANY CL A  | \$91,827                 |
| 4,100.000               | INTUIT INC                   | \$456,945                |
| 5,945.000               | COMMERCE BANCSHARES INC      | \$301,293                |
| 4,700.000               | STRYKER CORP                 | \$543,602                |
| 200.000                 | ESTEE LAUDER COMPANIES CL A  | \$17,846                 |
| 5,000.000               | KELLOGG CO                   | \$411,050                |
| 6,900.000               | NATIONAL INSTRUMENTS CORP    | \$192,786                |
| 300.000                 | WHITE MOUNTAINS INSURANCE GP | \$247,206                |
| 800.000                 | NEWMONT MINING CORP          | \$30,592                 |
| 12,900.000              | TCF FINANCIAL CORP           | \$188,985                |
| 4,300.000               | PROGRESSIVE CORP             | \$140,008                |
| 9,200.000               | THOMSON REUTERS CORP         | \$381,708                |
| 650.000                 | AMAZON.COM INC               | \$499,954                |
| 2,700.000               | MCKESSON CORP                | \$498,474                |
| 3,100.000               | RENAISSANCERE HOLDINGS LTD   | \$371,070                |
| 2,100.000               | TELEFLEX INC                 | \$384,489                |
| 3,200.000               | BROWN FORMAN CORP CLASS B    | \$155,360                |
| 4,600.000               | AMERICAN FINANCIAL GROUP INC | \$345,690                |
| 5,400.000               | EDISON INTERNATIONAL         | \$392,688                |
| 5,900.000               | DARDEN RESTAURANTS INC       | \$363,676                |
| 2,300.000               | EVEREST RE GROUP LTD         | \$444,774                |
| 300.000                 | ALLEGHANY CORP               | \$160,860                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 100.000                 | ALLSTATE CORP                | \$6,896                  |
| 7,600.000               | AMEREN CORPORATION           | \$375,592                |
| 7,900.000               | AMERICAN ELECTRIC POWER      | \$510,103                |
| 4,000.000               | AVNET INC                    | \$166,720                |
| 1,300.000               | CMS ENERGY CORP              | \$54,561                 |
| 6,500.000               | CONSOLIDATED EDISON INC      | \$489,125                |
| 5,000.000               | DTE ENERGY COMPANY           | \$464,500                |
| 4,800.000               | ENTERGY CORP                 | \$375,360                |
| 7,200.000               | FIRSTENERGY CORP             | \$235,656                |
| 2,600.000               | LOCKHEED MARTIN CORP         | \$631,722                |
| 700.000                 | NORTHROP GRUMMAN CORP        | \$148,449                |
| 11,400.000              | OLD REPUBLIC INTL CORP       | \$219,222                |
| 7,600.000               | P G + E CORP                 | \$470,744                |
| 11,000.000              | PUBLIC SERVICE ENTERPRISE GP | \$470,360                |
| 1,600.000               | THERMO FISHER SCIENTIFIC INC | \$243,504                |
| 1,800.000               | BIO RAD LABORATORIES A       | \$267,858                |
| 2,800.000               | CLEAN HARBORS INC            | \$133,840                |
| 3,300.000               | COPART INC                   | \$168,366                |
| 1,600.000               | PANERA BREAD COMPANY CLASS A | \$347,440                |
| 6,000.000               | ARCH CAPITAL GROUP LTD       | \$485,640                |
| 2,500.000               | HENRY SCHEIN INC             | \$409,475                |
| 3,900.000               | ANSYS INC                    | \$370,851                |
| 4,900.000               | ATMOS ENERGY CORP            | \$361,130                |
| 3,100.000               | BROWN + BROWN INC            | \$116,157                |
| 4,000.000               | CHURCH + DWIGHT CO INC       | \$397,680                |
| 7,900.000               | ARTHUR J GALLAGHER + CO      | \$390,339                |
| 4,400.000               | JACK HENRY + ASSOCIATES INC  | \$383,988                |
| 7,850.000               | UGI CORP                     | \$357,018                |
| 4,500.000               | VARIAN MEDICAL SYSTEMS INC   | \$432,585                |
| 2,800.000               | BECTON DICKINSON AND CO      | \$496,188                |
| 3,100.000               | CLOROX COMPANY               | \$406,224                |
| 3,000.000               | CONAGRA FOODS INC            | \$139,830                |
| 16,909.000              | MEAD JOHNSON NUTRITION CO    | \$1,438,449              |
| 18,943.000              | UNDER ARMOUR INC CLASS C     | \$675,318                |
| 11,942.000              | NETSUITE INC                 | \$1,300,484              |
| 42,258.000              | GENPACT LTD                  | \$999,824                |
| 12,157.000              | UNDER ARMOUR INC CLASS A     | \$481,782                |
| 10,907.000              | DEXCOM INC                   | \$993,519                |
| 19,686.000              | SALESFORCE.COM INC           | \$1,563,462              |
| 2,360.000               | INTUITIVE SURGICAL INC       | \$1,619,951              |
| 16,024.000              | DAVITA INC                   | \$1,035,631              |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C)**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 33,730.000              | STARBUCKS CORP               | \$1,896,638              |
| 19,018.000              | AKAMAI TECHNOLOGIES INC      | \$1,044,088              |
| 22,674.000              | DANAHER CORP                 | \$1,845,890              |
| 13,244.000              | ADOBE SYSTEMS INC            | \$1,354,994              |
| 13,289.000              | ECOLAB INC                   | \$1,635,211              |
| 10,989.000              | COSTCO WHOLESALE CORP        | \$1,781,207              |
| 25,284.000              | AMPHENOL CORP CL A           | \$1,575,446              |
| 13,715.000              | WABTEC CORP                  | \$1,050,706              |
| 17,980.000              | COGNIZANT TECH SOLUTIONS A   | \$1,032,771              |
| 9,391.000               | ANSYS INC                    | \$892,990                |
| 12,292.000              | ALEXION PHARMACEUTICALS INC  | \$1,547,071              |
| 2,872.000               | ROPER TECHNOLOGIES INC       | \$509,924                |
| 3,032.000               | AMAZON.COM INC               | \$2,332,093              |
| 17,955.000              | ESTEE LAUDER COMPANIES CL A  | \$1,602,125              |
| 10,683.000              | SBA COMMUNICATIONS CORP CL A | \$1,219,464              |
| 23,831.000              | FORTIVE CORP                 | \$1,255,179              |
| 15,808.000              | NXP SEMICONDUCTORS NV        | \$1,391,420              |
| 7,510.000               | FLEETCOR TECHNOLOGIES INC    | \$1,233,142              |
| 21,550.000              | TRIPADVISOR INC              | \$1,314,550              |
| 17,359.000              | FACEBOOK INC A               | \$2,189,317              |
| 30,865.000              | PAYPAL HOLDINGS INC          | \$1,146,635              |
| 1,814.000               | ALPHABET INC CL C            | \$1,391,429              |
| 1,116.000               | ALPHABET INC CL A            | \$881,473                |
| 27,105.000              | VISA INC CLASS A SHARES      | \$2,192,795              |
| 23,020.000              | MOBILEYE NV                  | \$1,125,448              |
| 94,900.000              | TENCENT HOLDINGS LTD         | \$2,468,923              |
| 14,460.000              | NOVO NORDISK A/S B           | \$676,629                |
| 295,300.000             | AIA GROUP LTD                | \$1,867,337              |
| 22,073.000              | NXP SEMICONDUCTORS NV        | \$1,942,865              |
| 277,500.000             | SANDS CHINA LTD              | \$1,091,146              |
| 27,100.000              | SHIRE PLC                    | \$1,689,815              |
| 18,400.000              | TOTAL SA                     | \$876,075                |
| 2,970.000               | ROCHE HOLDING AG GENUSSCHEIN | \$724,855                |
| 37,310.000              | QIAGEN N.V.                  | \$989,088                |
| 119,660.000             | INFINEON TECHNOLOGIES AG     | \$2,011,730              |
| 44,076.520              | ORIX CORP                    | \$633,865                |
| 19,400.000              | NIDEC CORP                   | \$1,748,410              |
| 33,700.000              | KAO CORP                     | \$1,751,872              |
| 8,360.000               | KERING                       | \$1,582,395              |
| 10,120.000              | FRESENIUS MEDICAL CARE AG +  | \$894,253                |
| 7,050.000               | BAYER AG REG                 | \$753,550                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C)**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 2,700.000               | KEYENCE CORP                 | \$1,893,276              |
| 7,200.000               | ALLERGAN PLC                 | \$1,688,688              |
| 11,510.000              | BROADCOM LTD                 | \$2,030,594              |
| 16,677.000              | FONTERRA SHAREHOLDERS FUND   | \$70,659                 |
| 5,700.000               | ENERGISA SA UNITS            | \$36,945                 |
| 7,352.000               | SYDNEY AIRPORT               | \$40,225                 |
| 30,000.000              | SIAM MAKRO PUBLIC CO NVDR    | \$29,683                 |
| 41,100.000              | CS LOXINFO PCL NVDR          | \$7,124                  |
| 900.000                 | SAMITIVEJ PUBLIC CO LTD NVDR | \$9,542                  |
| 5,080.000               | GAZPROM NEFT SPONSORED ADR   | \$66,294                 |
| 2,873.000               | GAZPROM PAO SPON ADR         | \$11,621                 |
| 56,704.000              | GAZPROM PAO SPON ADR         | \$231,919                |
| 4,765.000               | TELEKOMUNIK INDONESIA SP ADR | \$296,812                |
| 6,025.000               | INFOSYS LTD SP ADR           | \$95,557                 |
| 29,843.000              | SURGUTNEFTEGAS SP ADR        | \$141,754                |
| 323.000                 | COCA COLA FEMSA SAB SP ADR   | \$24,057                 |
| 9,379.000               | TAIWAN SEMICONDUCTOR SP ADR  | \$269,552                |
| 4,171.000               | CIA CERVECERIAS UNI SPON ADR | \$88,217                 |
| 6,617.000               | ENERSIS AMERICAS SPONS ADR   | \$55,120                 |
| 8,700.000               | BANGKOK BANK PUBLIC CO NVDR  | \$42,601                 |
| 2,328.000               | BANCO DE CHILE ADR           | \$153,695                |
| 6,700.000               | SIAM CEMENT PCL NVDR         | \$102,584                |
| 681.000                 | NOVOLIPETSK STEEL PJSC GDR   | \$9,500                  |
| 7,336.000               | SEVERSTAL GDR REG S          | \$86,345                 |
| 19,196.000              | ROSTELECOM SPONSORED ADR     | \$143,394                |
| 8,663.000               | CHUNGHWA TELECOM LT SPON ADR | \$310,569                |
| 22,534.000              | GRUPO AVAL ACCIONES Y VALORE | \$189,511                |
| 5,873.000               | ENDESA AMERICAS SA ADR       | \$79,462                 |
| 6,617.000               | ENERSIS CHILE SA             | \$35,864                 |
| 199,600.000             | THAI METAL TRADE PCL NVDR    | \$74,961                 |
| 730.000                 | ROSTELECOM SPONSORED ADR     | \$5,402                  |
| 7,400.000               | THAI PLASTIC + CHEM PCL NVDR | \$8,498                  |
| 1,680.000               | TENAGA NASIONAL SPONS ADR    | \$24,360                 |
| 170.000                 | ASML HOLDING NV NY REG SHS   | \$18,114                 |
| 2,200.000               | RYANAIR HOLDINGS PLC SP ADR  | \$159,742                |
| 10,989.000              | SES                          | \$252,001                |
| 7,557.000               | ABN AMRO GROUP NV CVA        | \$155,076                |
| 1,918.000               | UNILEVER NV CVA              | \$87,829                 |
| 62,263.000              | ADVANCED SEMICONDUCTOR E ADR | \$377,314                |
| 8,164.000               | DOCTOR REDDY S LAB ADR       | \$371,544                |
| 10,733.000              | HDFC BANK LTD ADR            | \$769,019                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>           | <u>Base Market Value</u> |
|-------------------------|--------------------------------|--------------------------|
| 20,888.000              | LARSEN + TOUBRO GDR REG S      | \$469,980                |
| 51,546.000              | BANK MANDIRI TBK UNSPON ADR    | \$429,636                |
| 7,896.000               | ASML HOLDING NV NY REG SHS     | \$841,319                |
| 12,501.000              | ALIBABA GROUP HOLDING SP ADR   | \$1,214,972              |
| 8,441.000               | AMBEV SA ADR                   | \$50,055                 |
| 11,001.000              | ALIBABA GROUP HOLDING SP ADR   | \$1,069,187              |
| 10,213.000              | GRUPO AVAL ACCIONES Y VALORE   | \$85,891                 |
| 12,476.000              | BANCOLOMBIA S.A. SPONS ADR     | \$489,933                |
| 16,420.000              | ASML HOLDING NV NY REG SHS     | \$1,749,551              |
| 5,350.000               | BAIDU INC SPON ADR             | \$915,225                |
| 62,160.000              | JAMES HARDIE INDUSTRIES CDI    | \$1,013,278              |
| 21,960.000              | HDFC BANK LTD ADR              | \$1,573,434              |
| 89,968.511              | BABSON CAPITAL GLOBAL INVESTME | \$10,279,802             |
| 200,505.000             | UK COMMERCIAL PROPERTY TRUST L | \$209,556                |
| 671,818.237             | CAPITAL GUARDIAN               | \$8,209,619              |
| 304,327.085             | SSGA MSCI EAFE NL QP CTF (ECTF | \$5,037,526              |
| 178,041.478             | MSCI EMG MKTS INDX NL OP CTF   | \$4,022,491              |
| 14,429.000              | CONSUMER DISCRETIONARY SELECT  | \$1,162,400              |
| 14,400.000              | HEALTH CARE SELECT SECTOR SPDR | \$1,047,744              |
| 84,116.271              | RUSSELL 2000 GROWTH INDEX NL Q | \$2,836,653              |
| 23,400.000              | TECHNOLOGY SELECT SECTOR SPDR  | \$1,099,566              |
| 68,789.000              | SPDR S+P DIVIDEND ETF          | \$5,892,466              |
| 600,038.394             | PIMCO GLOBAL ADVANTAGE STRATEG | \$6,252,400              |
| 62,902.000              | FINANCIAL SELECT SECTOR SPDR F | \$1,544,873              |
| 50,690.000              | DORIC NIMROD AIR THREE LTD     | \$71,036                 |
| 6,320.000               | DORIC NIMROD AIR TWO LTD       | \$18,086                 |
| 3,700.000               | CENTRAIS ELETRICAS SANTA CAT   | \$15,892                 |
| 3,025.000               | AKELIUS RESIDENTIAL AB PREF    | \$112,169                |
| 2,411.000               | HENKEL AG + CO KGAA VORZUG     | \$315,920                |
| 313.000                 | ABSA BANK LTD PREFERENCE       | \$16,539                 |
| 4,311.000               | CIA DE GAS DE SAO PAULO PR A   | \$69,988                 |
| 5,066.000               | GRIFOLS SA B                   | \$80,120                 |
| 19,104.000              | INTESA SANPAOLO RSP            | \$42,256                 |
| 15,200.000              | SENIOR HOUSING PROP TRUST      | \$339,568                |
| 27,800.000              | LEXINGTON REALTY TRUST         | \$299,962                |
| 7,300.000               | MACK CALI REALTY CORP          | \$202,648                |
| 9,300.000               | CARETRUST REIT INC             | \$138,198                |
| 23,700.000              | NATIONAL STORAGE AFFILIATES    | \$481,347                |
| 1,500.000               | LIFE STORAGE INC               | \$135,000                |
| 7,400.000               | CORESITRE REALTY CORP          | \$577,348                |
| 28,100.000              | SUMMIT HOTEL PROPERTIES INC    | \$401,830                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>         | <u>Base Market Value</u> |
|-------------------------|------------------------------|--------------------------|
| 1,500.000               | CUBESMART                    | \$41,295                 |
| 3,200.000               | ARMADA HOFFLER PROPERTIES IN | \$44,096                 |
| 6,700.000               | QTS REALTY TRUST INC CL A    | \$363,073                |
| 2,300.000               | FIRST INDUSTRIAL REALTY TR   | \$66,171                 |
| 26,400.000              | PENN REAL ESTATE INVEST TST  | \$662,376                |
| 2,600.000               | SAUL CENTERS INC             | \$172,328                |
| 150.000                 | ALEXANDER S INC              | \$64,502                 |
| 30,307.000              | GROUND RENTS INCOME FUND PLC | \$50,013                 |
| 61,978.000              | GCP STUDENT LIVING PLC       | \$119,324                |
| 61,200.000              | IMPACT GROWTH REAL ESTATE IN | \$26,874                 |
| 15,341.000              | REAL ESTATE INVESTORS PLC    | \$10,950                 |
| 24,875.000              | AEW UK REIT PLC              | \$31,357                 |
| 124,756.000             | TRITAX BIG BOX REIT PLC      | \$236,103                |
| 4,127.000               | PROLOGIS PROPERTY MEXICO SA  | \$6,885                  |
| 5,924.000               | SHAFTESBURY PLC              | \$75,065                 |
| 23,053.000              | LINK REIT                    | \$167,620                |
| 578.000                 | UNIBAIL RODAMCO SE           | \$158,362                |
| 24,398.000              | BRITISH LAND CO PLC          | \$211,855                |
| 2,791.000               | UNIBAIL RODAMCO SE           | \$764,685                |
| 15,711.000              | LAND SECURITIES GROUP PLC    | \$225,109                |
| 12,096.000              | GREAT PORTLAND ESTATES PLC   | \$107,330                |
| 24,000.000              | MFA FINANCIAL INC            | \$185,280                |
| 1,200.000               | AMERICAN CAMPUS COMMUNITIES  | \$60,132                 |
| 4,500.000               | DIGITAL REALTY TRUST INC     | \$445,905                |
| 4,700.000               | EQUITY LIFESTYLE PROPERTIES  | \$364,391                |
| 9,300.000               | PIEDMONT OFFICE REALTY TRU A | \$200,973                |
| 4,900.000               | WP CAREY INC                 | \$326,585                |
| 1,000.000               | CYRUSONE INC                 | \$50,840                 |
| 100.000                 | CROWN CASTLE INTL CORP       | \$9,477                  |
| 2,400.000               | HEALTHCARE TRUST OF AME CL A | \$80,976                 |
| 12,200.000              | CHIMERA INVESTMENT CORP      | \$201,178                |
| 10,500.000              | APPLE HOSPITALITY REIT INC   | \$206,010                |
| 1,100.000               | WELLTOWER INC                | \$84,425                 |
| 2,000.000               | AVALONBAY COMMUNITIES INC    | \$350,020                |
| 500.000                 | BOSTON PROPERTIES INC        | \$70,065                 |
| 3,300.000               | POST PROPERTIES INC          | \$218,724                |
| 800.000                 | PUBLIC STORAGE               | \$179,152                |
| 6,100.000               | CORPORATE OFFICE PROPERTIES  | \$173,972                |
| 12,800.000              | SENIOR HOUSING PROP TRUST    | \$285,952                |
| 36,000.000              | ANNALY CAPITAL MANAGEMENT IN | \$385,560                |
| 7,900.000               | HOSPITALITY PROPERTIES TRUST | \$240,871                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10B COLUMN (B) AND (C)**

| <u>Shares/Par Value</u>                        | <u>Security Name</u>         | <u>Base Market Value</u> |
|------------------------------------------------|------------------------------|--------------------------|
| 3,400.000                                      | MID AMERICA APARTMENT COMM   | \$319,566                |
| 2,900.000                                      | ALEXANDRIA REAL ESTATE EQUIT | \$319,261                |
| 1,000.000                                      | ESSEX PROPERTY TRUST INC     | \$227,100                |
| 1,300.000                                      | LIBERTY PROPERTY TRUST       | \$53,599                 |
| 48,683.000                                     | GENTING BHD                  | \$18,366                 |
| 28,000,000.000                                 | CAMDEN BONDS PLUS FUND LLC   | \$28,845,628             |
| <b>TOTAL TO PART II LINE 10B &amp; STMT 10</b> |                              | <b>\$495,030,060</b>     |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10C COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>           | <u>Base Market Value</u> |
|-------------------------|--------------------------------|--------------------------|
| 115,000.000             | AMERICREDIT AUTOMOBILE RECEIVA | \$117,150                |
| 240,000.000             | DRIVE AUTO RECEIVABLES TRUST   | \$245,894                |
| 195,000.000             | DRIVE AUTO RECEIVABLES TRUST   | \$194,622                |
| 50,000.000              | AMERICREDIT AUTOMOBILE RECEIVA | \$50,670                 |
| 169,000.000             | FORD CREDIT AUTO OWNER TRUST/F | \$172,563                |
| 137,000.020             | AVIS BUDGET RENTAL CAR FUNDING | \$137,329                |
| 151,689.330             | SANTANDER DRIVE AUTO RECEIVABL | \$152,045                |
| 155,000.000             | CAPITAL AUTO RECEIVABLES ASSET | \$155,264                |
| 170,000.000             | FORD CREDIT AUTO OWNER TRUST/F | \$173,028                |
| 88,000.000              | DRIVE AUTO RECEIVABLES TRUST   | \$90,073                 |
| 150,000.000             | AMERICREDIT AUTOMOBILE RECEIVA | \$152,351                |
| 65,000.000              | CAPITAL AUTO RECEIVABLES ASSET | \$65,329                 |
| 255,000.000             | DRIVE AUTO RECEIVABLES TRUST   | \$257,233                |
| 85,000.000              | AMERICREDIT AUTOMOBILE RECEIVA | \$87,788                 |
| 100,000.000             | AMERICREDIT AUTOMOBILE RECEIVA | \$100,261                |
| 100,000.000             | FORD CREDIT AUTO OWNER TRUST/F | \$102,413                |
| 360,000.000             | HONDA AUTO RECEIVABLES OWNER T | \$361,008                |
| 60,000.000              | NISSAN AUTO RECEIVABLES OWNER  | \$60,060                 |
| 300,000.000             | CARMAX AUTO OWNER TRUST        | \$299,424                |
| 388,000.000             | NISSAN AUTO LEASE TRUST        | \$388,482                |
| 31,000.000              | WEATHERFORD BERMUDA            | \$34,255                 |
| 40,632.340              | US AIRWAYS 2010 1A PTT         | \$46,321                 |
| 35,000.000              | AMERICAN EXPRESS CREDIT        | \$35,267                 |
| 30,000.000              | PNC FINANCIAL SERVICES         | \$30,820                 |
| 50,000.000              | KKR GROUP FIN CO II            | \$53,891                 |
| 70,000.000              | LEXMARK INTL INC               | \$73,695                 |
| 16,000.000              | BLUESCOPE STEEL LTD/FIN        | \$16,380                 |
| 20,000.000              | PROASSURANCE CORP              | \$21,533                 |
| 70,000.000              | AECOM GLOBAL II/URS FOX        | \$70,370                 |
| 200,000.000             | SUMITOMO MITSUI FINANCIA       | \$220,592                |
| 200,000.000             | NORDEA BANK AB                 | \$204,108                |
| 35,000.000              | HASBRO INC                     | \$36,201                 |
| 40,000.000              | ERAC USA FINANCE LLC           | \$43,184                 |
| 20,000.000              | KKR GROUP FINANCE CO III       | \$20,800                 |
| 75,000.000              | GUARDIAN LIFE INSURANCE        | \$80,035                 |
| 170,000.000             | GEORGIA PACIFIC LLC            | \$173,239                |
| 65,000.000              | WELLS FARGO + COMPANY          | \$66,689                 |
| 35,000.000              | BANK OF NY MELLON CORP         | \$35,412                 |
| 25,000.000              | AMERICAN EXPRESS CREDIT        | \$25,439                 |
| 45,000.000              | FRONTIER COMMUNICATIONS        | \$48,600                 |
| 20,000.000              | ABBVIE INC                     | \$21,479                 |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10C COLUMN (B) AND (C)**

| <u>Shares/Par Value</u> | <u>Security Name</u>     | <u>Base Market Value</u> |
|-------------------------|--------------------------|--------------------------|
| 60,000.000              | CHEVRON CORP             | \$62,576                 |
| 25,000.000              | S+P GLOBAL INC           | \$28,191                 |
| 45,000.000              | AMERICAN TOWER CORP      | \$46,163                 |
| 40,000.000              | DIAMOND 1 FIN/DIAMOND 2  | \$42,797                 |
| 75,000.000              | DIAMOND 1 FIN/DIAMOND 2  | \$79,964                 |
| 20,000.000              | ANIXTER INC              | \$21,050                 |
| 25,000.000              | CHARTER COMM OPT LLC/CAP | \$27,586                 |
| 35,000.000              | LAM RESEARCH CORP        | \$35,885                 |
| 80,000.000              | JPMORGAN CHASE + CO      | \$82,367                 |
| 35,000.000              | MYLAN NV                 | \$36,089                 |
| 45,000.000              | AETNA INC                | \$46,687                 |
| 25,000.000              | FORTIVE CORPORATION      | \$27,861                 |
| 25,000.000              | COMMONWEALTH EDISON CO   | \$26,407                 |
| 40,000.000              | ORACLE CORP              | \$42,124                 |
| 15,000.000              | GENERAL MOTORS FINL CO   | \$15,245                 |
| 45,000.000              | CBS CORP                 | \$43,815                 |
| 45,000.000              | SUMITOMO MITSUI FINL GRP | \$44,709                 |
| 30,000.000              | ENLINK MIDSTREAM PARTNER | \$29,930                 |
| 25,000.000              | COMCAST CORP             | \$24,548                 |
| 25,000.000              | JPMORGAN CHASE + CO      | \$25,227                 |
| 30,000.000              | TEVA PHARMACEUTICALS NE  | \$30,206                 |
| 60,000.000              | TEVA PHARMACEUTICALS NE  | \$60,062                 |
| 40,000.000              | NRG ENERGY INC           | \$40,075                 |
| 45,000.000              | KRAFT HEINZ FOODS CO     | \$48,678                 |
| 30,000.000              | INTERNATIONAL PAPER CO   | \$29,846                 |
| 30,000.000              | DOMINION RESOURCES INC   | \$29,981                 |
| 25,000.000              | ARCHER DANIELS MIDLAND C | \$25,176                 |
| 30,000.000              | DUKE ENERGY CORP         | \$30,301                 |
| 25,000.000              | DUKE ENERGY CORP         | \$24,902                 |
| 30,000.000              | KRAFT HEINZ FOODS CO     | \$36,017                 |
| 45,000.000              | COMMONWEALTH EDISON CO   | \$47,288                 |
| 80,000.000              | PLAINS ALL AMER PIPELINE | \$87,342                 |
| 66,000.000              | VERIZON COMMUNICATIONS   | \$72,749                 |
| 200,000.000             | FORD MOTOR CREDIT CO LLC | \$201,716                |
| 65,000.000              | SUNOCO LP/FINANCE CORP   | \$66,950                 |
| 50,000.000              | 21ST CENTURY FOX AMERICA | \$64,872                 |
| 75,000.000              | WELLS FARGO + COMPANY    | \$79,580                 |
| 25,000.000              | AT+T INC                 | \$26,720                 |
| 30,000.000              | AT+T INC                 | \$31,766                 |
| 35,000.000              | UNITED TECHNOLOGIES CORP | \$39,756                 |
| 30,000.000              | APPLE INC                | \$33,653                 |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10C COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>     | <u>Base Market Value</u> |
|-------------------------|--------------------------|--------------------------|
| 55,000.000              | QUALCOMM INC             | \$62,716                 |
| 20,000.000              | AON PLC                  | \$22,207                 |
| 30,000.000              | CNO FINANCIAL GROUP INC  | \$29,775                 |
| 45,000.000              | GOLDMAN SACHS GROUP INC  | \$49,543                 |
| 40,000.000              | JBS USA LLC/JBS USA FINA | \$40,600                 |
| 55,000.000              | NORFOLK SOUTHERN CORP    | \$62,652                 |
| 90,000.000              | CITIGROUP INC            | \$95,462                 |
| 35,000.000              | SOUTHERN CO              | \$36,122                 |
| 40,000.000              | CARDINAL HEALTH INC      | \$47,568                 |
| 35,000.000              | ENERGY TRANSFER PARTNERS | \$35,336                 |
| 65,000.000              | AMERICAN INTL GROUP      | \$69,870                 |
| 55,000.000              | GENERAL MOTORS FINL CO   | \$57,017                 |
| 110,000.000             | BANK OF AMERICA CORP     | \$117,920                |
| 25,000.000              | BURLINGTN NORTH SANTA FE | \$30,246                 |
| 40,000.000              | ST JUDE MEDICAL INC      | \$41,394                 |
| 45,000.000              | FRESENIUS US FINANCE II  | \$47,588                 |
| 30,000.000              | INVESCO FINANCE PLC      | \$32,256                 |
| 30,000.000              | ONCOR ELECTRIC DELIVERY  | \$31,401                 |
| 40,000.000              | ALLY FINANCIAL INC       | \$40,375                 |
| 20,000.000              | METLIFE INC              | \$21,760                 |
| 40,000.000              | LOCKHEED MARTIN CORP     | \$43,470                 |
| 30,000.000              | LOCKHEED MARTIN CORP     | \$35,929                 |
| 35,000.000              | ALLY FINANCIAL INC       | \$37,231                 |
| 35,000.000              | MARATHON PETROLEUM CORP  | \$36,460                 |
| 30,000.000              | AMEREN ILLINOIS CO       | \$34,677                 |
| 25,000.000              | SCHLUMBERGER HLDGS CORP  | \$27,304                 |
| 45,000.000              | SCHLUMBERGER HLDGS CORP  | \$48,047                 |
| 70,000.000              | MPLX LP                  | \$71,445                 |
| 45,000.000              | SANTANDER UK GROUP HLDGS | \$45,690                 |
| 45,000.000              | EOG RESOURCES INC        | \$49,604                 |
| 60,000.000              | ANHEUSER BUSCH INBEV FIN | \$72,776                 |
| 10,000.000              | PETROLEOS MEXICANOS      | \$10,625                 |
| 40,000.000              | APPLE INC                | \$46,781                 |
| 30,000.000              | MAGELLAN MIDSTREAM PARTN | \$34,245                 |
| 35,000.000              | GENERAL MOTORS FINL CO   | \$38,897                 |
| 20,000.000              | JOHNSON + JOHNSON        | \$23,150                 |
| 30,000.000              | EXXON MOBIL CORPORATION  | \$31,856                 |
| 40,000.000              | HYATT HOTELS CORP        | \$44,524                 |
| 25,000.000              | CITIGROUP INC            | \$26,887                 |
| 35,000.000              | STRYKER CORP             | \$39,899                 |
| 20,000.000              | STRYKER CORP             | \$21,264                 |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10C COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>     | <u>Base Market Value</u> |
|-------------------------|--------------------------|--------------------------|
| 75,000.000              | AT+T INC                 | \$80,514                 |
| 45,000.000              | TOYOTA MOTOR CREDIT CORP | \$45,674                 |
| 40,000.000              | PINNACLE ENTERTAINMENT I | \$40,800                 |
| 44,436.540              | AIR CANADA 2013 1B PTT   | \$45,936                 |
| 60,000.000              | BP CAPITAL MARKETS PLC   | \$61,180                 |
| 51,681.680              | HAWAIIAN AIRLINES 13 1B  | \$51,165                 |
| 50,000.000              | GLENCORE FUNDING LLC     | \$49,625                 |
| 17,521.640              | BRITISH AIR 13 1 B PTT   | \$18,573                 |
| 35,000.000              | ASPEN INSURANCE HLDG LTD | \$37,339                 |
| 35,000.000              | UNITEDHEALTH GROUP INC   | \$36,295                 |
| 22,000.000              | TEACHERS INSUR + ANNUITY | \$30,374                 |
| 35,000.000              | SCHLUMBERGER INVESTMENT  | \$38,124                 |
| 25,000.000              | JPMORGAN CHASE + CO      | \$30,514                 |
| 15,000.000              | AFFILIATED MANAGERS GROU | \$15,816                 |
| 50,000.000              | GOLDMAN SACHS GROUP INC  | \$53,889                 |
| 40,000.000              | CONSOLIDATED EDISON CO O | \$46,760                 |
| 35,000.000              | VIACOM INC               | \$35,865                 |
| 90,000.000              | GENERAL ELECTRIC CO      | \$106,339                |
| 20,000.000              | ENLINK MIDSTREAM PARTNER | \$19,697                 |
| 80,000.000              | MORGAN STANLEY           | \$85,769                 |
| 55,000.000              | NASDAQ INC               | \$59,172                 |
| 35,000.000              | WELLS FARGO + COMPANY    | \$38,026                 |
| 60,000.000              | AT+T INC                 | \$63,777                 |
| 20,000.000              | LEGG MASON INC           | \$20,338                 |
| 30,000.000              | MONSANTO CO              | \$28,852                 |
| 40,000.000              | GOLDMAN SACHS GROUP INC  | \$45,604                 |
| 45,000.000              | KINDER MORGAN ENER PART  | \$45,483                 |
| 200,000.000             | FLY LEASING LTD          | \$202,000                |
| 30,000.000              | ENSCO PLC                | \$21,356                 |
| 20,000.000              | METLIFE INC              | \$21,966                 |
| 75,000.000              | PETROLEOS MEXICANOS      | \$78,983                 |
| 55,000.000              | VERIZON COMMUNICATIONS   | \$58,487                 |
| 60,000.000              | TIAA ASSET MGMT FIN LLC  | \$63,193                 |
| 60,000.000              | WALGREENS BOOTS ALLIANCE | \$64,389                 |
| 20,000.000              | WALGREENS BOOTS ALLIANCE | \$20,118                 |
| 35,000.000              | FREEPORT MCMORAN INC     | \$34,388                 |
| 35,000.000              | KINDER MORGAN INC/DELAWA | \$36,114                 |
| 15,000.000              | STATE STREET CORP        | \$16,106                 |
| 35,000.000              | AIRCASTLE LTD            | \$38,019                 |
| 75,000.000              | AMERICAN INTL GROUP      | \$73,453                 |
| 35,000.000              | MORGAN STANLEY           | \$35,919                 |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10C COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>     | <u>Base Market Value</u> |
|-------------------------|--------------------------|--------------------------|
| 20,000.000              | CAPITAL ONE FINANCIAL CO | \$20,363                 |
| 30,000.000              | APPLE INC                | \$29,502                 |
| 10,000.000              | PHILLIPS 66 PARTNERS LP  | \$9,994                  |
| 80,000.000              | WILLIAMS PARTNERS LP     | \$79,924                 |
| 50,000.000              | HSBC USA INC             | \$50,316                 |
| 30,000.000              | METLIFE INC              | \$29,874                 |
| 33,407.780              | AMER AIRLN 15 1 A PTT    | \$34,535                 |
| 45,000.000              | MARSH + MCLENNAN COS INC | \$45,785                 |
| 50,000.000              | NEWFIELD EXPLORATION CO  | \$50,250                 |
| 10,000.000              | VERIZON COMMUNICATIONS   | \$11,064                 |
| 75,000.000              | BEAR STEARNS COS LLC     | \$76,244                 |
| 20,000.000              | JEFFERIES GROUP LLC      | \$22,957                 |
| 25,000.000              | CITIGROUP INC            | \$39,483                 |
| 30,000.000              | TOLL BROS FINANCE CORP   | \$33,825                 |
| 25,000.000              | ENTERPRISE PRODUCTS OPER | \$30,792                 |
| 20,000.000              | AUTOZONE INC             | \$21,430                 |
| 26,658.240              | DELTA AIR LINES 2010 2A  | \$28,124                 |
| 30,000.000              | CIGNA CORP               | \$32,628                 |
| 17,788.890              | AMER AIRLN PT TRS 11 1   | \$19,345                 |
| 19,523.500              | DELTA AIR LINES 2011 1   | \$20,841                 |
| 14,498.400              | US AIRWAYS 2011 1A PTT   | \$17,253                 |
| 40,000.000              | PETROLEOS MEXICANOS      | \$42,404                 |
| 75,000.000              | MURRAY ST INV TRUST I    | \$75,971                 |
| 45,000.000              | TRANSCONT GAS PIPE LINE  | \$48,333                 |
| 25,000.000              | BALTIMORE GAS + ELECTRIC | \$26,136                 |
| 45,000.000              | TOTAL CAPITAL INTL SA    | \$46,710                 |
| 20,000.000              | JONES LANG LASALLE INC   | \$21,436                 |
| 15,925.290              | US AIRWAYS 2012 2A PTT   | \$17,438                 |
| 60,000.000              | CARLYLE HOLDINGS II FIN  | \$67,393                 |
| 30,000.000              | SEAGATE HDD CAYMAN       | \$24,919                 |
| 45,000.000              | LIBERTY MUTUAL GROUP INC | \$57,019                 |
| 20,000.000              | VALERO ENERGY CORP       | \$23,448                 |
| 50,000.000              | CONOCOPHILLIPS           | \$65,686                 |
| 55,000.000              | BANK OF AMERICA CORP     | \$63,214                 |
| 40,000.000              | DCP MIDSTREAM LLC        | \$40,600                 |
| 30,000.000              | ANHEUSER BUSCH INBEV WOR | \$34,243                 |
| 55,000.000              | TIME WARNER INC          | \$72,378                 |
| 60,000.000              | DEVON ENERGY CORPORATION | \$59,979                 |
| 70,000.000              | NBCUNIVERSAL MEDIA LLC   | \$95,717                 |
| 15,000.000              | DCP MIDSTREAM LLC        | \$14,775                 |
| 30,000.000              | SOUTHERN NAT GAS/ISSUING | \$32,143                 |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10C COLUMN (B) AND (C)**

| <u>Shares/Par Value</u> | <u>Security Name</u>     | <u>Base Market Value</u> |
|-------------------------|--------------------------|--------------------------|
| 50,000.000              | ENCANA CORP              | \$49,436                 |
| 12,000.000              | BAKER HUGHES INC         | \$12,504                 |
| 20,000.000              | TIME WARNER CABLE LLC    | \$19,352                 |
| 17,441.720              | CONTL AIRLINES 2012 2 A  | \$18,706                 |
| 40,000.000              | MICROSOFT CORP           | \$40,278                 |
| 40,000.000              | MURPHY OIL CORP          | \$37,815                 |
| 30,000.000              | COMCAST CORP             | \$33,706                 |
| 20,000.000              | ANHEUSER BUSCH INBEV FIN | \$21,290                 |
| 60,000.000              | NOMURA HOLDINGS INC      | \$60,014                 |
| 22,019.150              | AIR CANADA 2013 1A PTT   | \$23,423                 |
| 50,000.000              | THOMSON REUTERS CORP     | \$53,503                 |
| 80,000.000              | LIBERTY MUTUAL GROUP INC | \$86,652                 |
| 45,657.840              | BRITISH AIR 13 1 A PTT   | \$48,854                 |
| 30,000.000              | VIACOM INC               | \$33,575                 |
| 25,000.000              | TOLL BROS FINANCE CORP   | \$26,031                 |
| 45,000.000              | ANHEUSER BUSCH COS LLC   | \$45,180                 |
| 200,000.000             | BK TOKYO MITSUBISHI UFJ  | \$200,320                |
| 50,000.000              | CITIGROUP INC            | \$51,681                 |
| 80,000.000              | RELIANCE STAND LIFE II   | \$79,789                 |
| 45,000.000              | AIR LEASE CORP           | \$45,273                 |
| 55,000.000              | ELECTRICITE DE FRANCE SA | \$63,032                 |
| 35,000.000              | ERAC USA FINANCE LLC     | \$37,401                 |
| 200,000.000             | SOCIETE GENERALE         | \$210,388                |
| 25,000.000              | BAXALTA INC              | \$25,754                 |
| 35,000.000              | FORTIVE CORPORATION      | \$36,461                 |
| 55,000.000              | BROADRIDGE FINANCIAL SOL | \$56,360                 |
| 50,000.000              | KEYSIGHT TECHNOLOGIES    | \$52,006                 |
| 25,000.000              | REINSURANCE GRP OF AMER  | \$25,878                 |
| 27,192.820              | UNITED AIR 2014 1 B PTT  | \$27,737                 |
| 35,000.000              | ALABAMA POWER CO         | \$39,117                 |
| 45,000.000              | AMERICAN HONDA FINANCE   | \$45,313                 |
| 40,000.000              | AMER AIRLN 15 2 A PASS T | \$42,600                 |
| 35,000.000              | GOLDMAN SACHS GROUP INC  | \$40,051                 |
| 245,000.000             | HSBC BANK USA NA         | \$245,629                |
| 49,000.000              | GENERAL MOTORS FINL CO   | \$49,800                 |
| 54,000.000              | CBS CORP                 | \$52,578                 |
| 88,000.000              | TORONTO DOMINION BANK    | \$87,507                 |
| 55,000.000              | WALT DISNEY COMPANY/THE  | \$52,967                 |
| 67,000.000              | VERIZON COMMUNICATIONS   | \$67,276                 |
| 64,000.000              | AMGEN INC                | \$63,600                 |
| 304,000.000             | WELLS FARGO + COMPANY    | \$320,790                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10C COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>     | <u>Base Market Value</u> |
|-------------------------|--------------------------|--------------------------|
| 300,000.000             | PEPSICO INC              | \$343,032                |
| 216,000.000             | NATIONAL RURAL UTIL COOP | \$256,457                |
| 200,000.000             | DUKE ENERGY CAROLINAS    | \$257,746                |
| 239,000.000             | PACIFICORP               | \$261,041                |
| 140,000.000             | OCCIDENTAL PETROLEUM COR | \$147,529                |
| 250,000.000             | FORD MOTOR CREDIT CO LLC | \$270,418                |
| 250,000.000             | GENERAL ELECTRIC CO      | \$261,280                |
| 257,000.000             | WALT DISNEY COMPANY/THE  | \$266,815                |
| 250,000.000             | CHEVRON CORP             | \$256,188                |
| 300,000.000             | SHELL INTERNATIONAL FIN  | \$301,803                |
| 250,000.000             | CONOCOPHILLIPS COMPANY   | \$249,293                |
| 35,000.000              | BP CAPITAL MARKETS PLC   | \$35,688                 |
| 256,000.000             | BANK OF NEW YORK MELLON  | \$260,506                |
| 200,000.000             | ROYAL BANK OF CANADA     | \$203,370                |
| 125,000.000             | CATERPILLAR INC          | \$135,114                |
| 245,000.000             | BARCLAYS BANK/DELAWARE   | \$253,496                |
| 300,000.000             | STATE STREET CORP        | \$322,128                |
| 250,000.000             | AT+T INC                 | \$257,598                |
| 200,000.000             | DAIMLER FINANCE NA LLC   | \$205,380                |
| 245,000.000             | CAPITAL ONE NA           | \$251,746                |
| 200,000.000             | GENERAL MOTORS FINL CO   | \$208,480                |
| 46,884.840              | AMER AIRLINE 16 1 AA PTT | \$50,401                 |
| 326,000.000             | IBM CORP                 | \$355,448                |
| 245,000.000             | WELLS FARGO BANK NA      | \$246,591                |
| 290,000.000             | CATERPILLAR INC          | \$332,444                |
| 245,000.000             | JP MORGAN CHASE BANK NA  | \$245,256                |
| 245,000.000             | GOLDMAN SACHS BANK USA   | \$254,025                |
| 245,000.000             | AMERICAN EXPR CENTURION  | \$254,999                |
| 24,704.260              | BURLINGTN NO SF 06 1 TR  | \$27,670                 |
| 337,000.000             | WAL MART STORES INC      | \$499,616                |
| 224,254.700             | CSX TRANSPORTATION INC   | \$266,195                |
| 190,000.000             | GLAXOSMITHKLINE CAP INC  | \$204,066                |
| 130,000.000             | E.I. DU PONT DE NEMOURS  | \$141,019                |
| 375,000.000             | BANK OF AMERICA CORP     | \$423,578                |
| 282,000.000             | PNC FINANCIAL SERVICES   | \$300,034                |
| 414,000.000             | JPMORGAN CHASE + CO      | \$434,940                |
| 171,000.000             | ORACLE CORP              | \$175,783                |
| 190,000.000             | MORGAN STANLEY           | \$191,942                |
| 250,000.000             | APPLE INC                | \$256,110                |
| 400,000.000             | GOLDMAN SACHS GROUP INC  | \$431,112                |
| 140,000.000             | JPMORGAN CHASE + CO      | \$149,544                |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10C COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>           | <u>Base Market Value</u> |
|-------------------------|--------------------------------|--------------------------|
| 190,000.000             | TOTAL CAPITAL INTL SA          | \$199,166                |
| 150,000.000             | BURLINGTN NORTH SANTA FE       | \$177,312                |
| 200,000.000             | WELLS FARGO + COMPANY          | \$211,446                |
| 270,000.000             | CITIGROUP INC                  | \$271,034                |
| 100,000.000             | MERCK + CO INC                 | \$107,092                |
| 120,000.000             | BP CAPITAL MARKETS PLC         | \$120,724                |
| 175,000.000             | 21ST CENTURY FOX AMERICA       | \$228,720                |
| 190,000.000             | TIME WARNER INC                | \$203,880                |
| 200,000.000             | JOHN DEERE CAPITAL CORP        | \$205,916                |
| 66,000.000              | AMERICAN EXPRESS CREDIT        | \$68,049                 |
| 130,000.000             | WALT DISNEY COMPANY/THE        | \$141,653                |
| 169,000.000             | CAPITAL ONE FINANCIAL CO       | \$176,678                |
| 367,000.000             | MICROSOFT CORP                 | \$425,320                |
| 250,000.000             | ANHEUSER BUSCH INBEV FIN       | \$290,115                |
| 250,000.000             | US BANCORP                     | \$257,068                |
| 180,000.000             | PETROLEOS MEXICANOS            | \$209,250                |
| 155,000.000             | APPLE INC                      | \$181,277                |
| 200,000.000             | EXXON MOBIL CORPORATION        | \$212,372                |
| 200,000.000             | JOHN DEERE CAPITAL CORP        | \$209,594                |
| 203,000.000             | BERKSHIRE HATHAWAY INC         | \$211,126                |
| 200,000.000             | TOYOTA MOTOR CREDIT CORP       | \$202,996                |
| 121,000.000             | CHEVRON CORP                   | \$126,196                |
| 122,000.000             | CHEVRON CORP                   | \$124,263                |
| 82,000.000              | INTEL CORP                     | \$89,514                 |
| 200,000.000             | FIFTH THIRD BANK               | \$203,392                |
| 162,000.000             | BANK OF NOVA SCOTIA            | \$162,194                |
| 178,000.000             | CONSOLIDATED EDISON CO O       | \$192,101                |
| 138,000.000             | ORACLE CORP                    | \$139,249                |
| 100,000.000             | AMERICAN HOMES 4 RENT          | \$109,566                |
| 100,000.000             | AMERICAN HOMES 4 RENT          | \$109,665                |
| 150,000.000             | AMERICAN RESIDENTIAL PROPERTIE | \$148,383                |
| 375,000.000             | BANC OF AMERICA COMMERCIAL MOR | \$389,194                |
| 12,195.400              | BANC OF AMERICA FUNDING CORPOR | \$11,240                 |
| 450,000.000             | CAPITAL ONE MULTI ASSET EXECUT | \$450,177                |
| 0.210                   | CHASE FUNDING LOAN ACQUISITION | \$0                      |
| 341,000.000             | COMM MORTGAGE TRUST            | \$366,422                |
| 166,000.000             | COMM MORTGAGE TRUST            | \$183,881                |
| 60,000.000              | COMM MORTGAGE TRUST            | \$45,228                 |
| 90,000.000              | COMM MORTGAGE TRUST            | \$92,617                 |
| 280,000.000             | COMM MORTGAGE TRUST            | \$318,090                |
| 0.030                   | COUNTRYWIDE ASSET BACKED CERTI | \$0                      |

**BURROUGHS WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10C COLUMN (B) AND (C )**

| <u>Shares/Par Value</u> | <u>Security Name</u>           | <u>Base Market Value</u> |
|-------------------------|--------------------------------|--------------------------|
| 120,533.050             | COUNTRYWIDE ASSET BACKED CERTI | \$115,489                |
| 15,766.760              | COUNTRYWIDE HOME LOANS         | \$13,287                 |
| 50,000.000              | CREDIT SUISSE MORTGAGE TRUST   | \$50,311                 |
| 255,878.310             | CREDIT SUISSE MORTGAGE TRUST   | \$262,334                |
| 55,000.000              | CSAIL COMMERCIAL MORTGAGE TRUS | \$41,583                 |
| 315,000.000             | DBUBS MORTGAGE TRUST           | \$349,241                |
| 390,000.000             | DISCOVER CARD EXECUTION NOTE T | \$390,428                |
| 9,712.560               | GS MORTGAGE SECURITIES TRUST   | \$9,707                  |
| 22,004.610              | HARBORVIEW MORTGAGE LOAN TRUST | \$20,045                 |
| 8,876.650               | HARBORVIEW MORTGAGE LOAN TRUST | \$8,164                  |
| 7,757.240               | IMPAC SECURED ASSETS CORP.     | \$7,609                  |
| 2,148.530               | JP MORGAN CHASE COMMERCIAL MOR | \$2,153                  |
| 55,000.000              | JP MORGAN CHASE COMMERCIAL MOR | \$56,925                 |
| 100,000.000             | JPMBB COMMERCIAL MORTGAGE SECU | \$84,698                 |
| 160,000.000             | JPMBB COMMERCIAL MORTGAGE SECU | \$118,755                |
| 84,728.740              | L STREET SECURITIES            | \$83,954                 |
| 198,000.000             | MORGAN STANLEY REREMIC TRUST   | \$200,708                |
| 100,000.000             | MORGAN STANLEY REREMIC TRUST   | \$101,701                |
| 100,000.000             | SPRINGLEAF MORTGAGE LOAN TRUST | \$100,252                |
| 108,000.000             | SPRINGLEAF MORTGAGE LOAN TRUST | \$108,548                |
| 75,159.700              | SPRINGLEAF MORTGAGE LOAN TRUST | \$74,776                 |
| 88,127.010              | STRUCTURED ADJUSTABLE RATE MOR | \$72,853                 |
| 122,306.350             | STRUCTURED ASSET SECURITIES CO | \$97,854                 |
| 69,100.000              | UBS BARCLAYS COMMERCIAL MORTGA | \$68,407                 |
| 69,100.000              | UBS COMMERCIAL MORTGAGE TRUST  | \$70,967                 |
| 76,000.000              | WACHOVIA BANK COMMERCIAL MORTG | \$77,166                 |
| 85,000.000              | WACHOVIA BANK COMMERCIAL MORTG | \$86,897                 |
| 42,000.000              | WELLS FARGO COMMERCIAL MORTGAG | \$33,769                 |
| 155,000.000             | WELLS FARGO COMMERCIAL MORTGAG | \$127,423                |
| 60,000.000              | WELLS FARGO COMMERCIAL MORTGAG | \$49,609                 |
| 30,000.000              | WELLS FARGO COMMERCIAL MORTGAG | \$21,939                 |
| 46,000.000              | WELLS FARGO COMMERCIAL MORTGAG | \$37,814                 |
| 30,789.250              | WELLS FARGO MORTGAGE BACKED SE | \$31,798                 |
| 261,000.000             | SYNCHRONY CREDIT CARD MASTER N | \$266,340                |
| 100,000.000             | SYNCHRONY CREDIT CARD MASTER N | \$100,387                |
| 100,000.000             | INVITATION HOMES TRUST         | \$100,873                |
| 150,000.000             | INVITATION HOMES TRUST         | \$147,626                |
| 165,000.000             | INVITATION HOMES TRUST         | \$166,392                |
| 29,893.710              | OPTION ONE MORTGAGE LOAN TRUST | \$26,843                 |
| 110,000.000             | PROGRESS RESIDENTIAL TRUST     | \$109,295                |
| 100,000.000             | PROGRESS RESIDENTIAL TRUST     | \$101,110                |

**BURROUGHS-WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 10C COLUMN (B) AND (C )**

| <u>Shares/Par Value</u>                      | <u>Security Name</u>           | <u>Base Market Value</u> |
|----------------------------------------------|--------------------------------|--------------------------|
| 330,068.070                                  | SLM STUDENT LOAN TRUST         | \$329,676                |
| 77,492.400                                   | SLM STUDENT LOAN TRUST         | \$75,459                 |
| 21,049.800                                   | SPECIALTY UNDERWRITING + RESID | \$21,015                 |
| 170,000.000                                  | SWAY RESIDENTIAL TRUST         | \$170,535                |
| 255,000.000                                  | WELLS FARGO DEALER FLOORPLAN M | \$254,854                |
| <b>TOTAL TO PART II LINE 10C AND STMT 11</b> |                                | <b>\$37,336,404</b>      |

**BURROUGHS-WELLCOME FUND****990-PF FOR 2015****FISCAL YEAR ENDED 8/31/2016****PART II LINE 13 COLUMN (B) AND (C)**

| <u>Shares/Par Value</u>                    | <u>Security Name</u>           | <u>Base Market Value</u> |
|--------------------------------------------|--------------------------------|--------------------------|
| 50,512.000                                 | RIMROCK HIGH IN PLUS CAYMAN FD | \$15,231,125             |
| 121,307.000                                | WINSTON PARTNERS               | \$26,788,288             |
| 55,074.000                                 | QUELLOS STRATEGIC PARTNERS INC | \$51,566,709             |
| 2,416,246.810                              | LIFE SCIENCES VENTURES II LP   | \$96,360                 |
| 3,264,416.000                              | INTERSOUTH PARTNERS V LP       | \$367,769                |
| 2,317,669.570                              | SPRAY VENTURE FUND LP          | \$624,218                |
| 2,473,244.580                              | INTERSOUTH PARTNERS IV         | \$416,744                |
| 3,544,043.750                              | MISSION VENTURES II LP         | \$196,064                |
| 3,534,414.000                              | INTERSOUTH PARTNERS VI         | \$3,096,260              |
| 4,378,737.000                              | SPRAY VENTURE PARTNERS II      | \$2,430,335              |
| 8,750,849.160                              | HAMILTON LANE PE OFF FUND VIII | \$9,771,452              |
| 2,436,492.000                              | HAMILTON LANE STRATEGIC        | \$2,464,850              |
| 7,671,420.871                              | HAMILTON LANE PE OFF FUND VI   | \$10,694,060             |
| 500,000.000                                | COF1216T0 CDS USD R V 00MEVENT | \$500,000                |
| 500,000.000                                | XPE0617T0 CDS USD R V 03MEVENT | \$500,000                |
| (500,000.000)                              | XPE0617T0 CDS USD P F 1.00000  | (\$503,624)              |
| 500,000.000                                | DIS0918P0 CDS USD R V 00MEVENT | \$500,000                |
| (500,000.000)                              | DIS0918P0 CDS USD P F 1.00000  | (\$509,530)              |
| 500,000.000                                | XRX1219P0 CDS USD R V 00MEVENT | \$500,000                |
| (500,000.000)                              | XRX1219P0 CDS USD P F 1.00000  | (\$498,308)              |
| 500,000.000                                | IP0918P0 CDS USD R V 00MEVENT  | \$500,000                |
| (500,000.000)                              | IP0918P0 CDS USD P F 1.00000   | (\$508,025)              |
| (500,000.000)                              | COF1216T0 CDS USD P F 1.00000  | (\$501,412)              |
| 500,000.000                                | MHK0617T0 CDS USD R V 00MEVENT | \$500,000                |
| (500,000.000)                              | MHK0617T0 CDS USD P F 1.00000  | (\$502,976)              |
| 500,000.000                                | AA0319P0 CDS USD R V 00MEVENT  | \$500,000                |
| (500,000.000)                              | AA0319P0 CDS USD P F 1.00000   | (\$499,132)              |
| 500,000.000                                | XPE1219P0 CDS USD R V 00MEVENT | \$500,000                |
| (500,000.000)                              | XPE1219P0 CDS USD P F 1.00000  | (\$508,538)              |
| <b>TOTAL PART II LINE 13 &amp; STMT 12</b> |                                | <b>\$123,712,689</b>     |

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| <b><u>Career Award at the Scientific Interface</u></b>                                                                                                 |                                       |                       |                  |
| <b>Brandeis University</b><br>Julijana Gjorgjieva, Ph D<br>Waltham, MA                                                                                 | PC                                    | 35,000.00<br>38475    | 2/16/2016        |
| <i>Deriving network behavior from single neuron biophysics, synaptic plasticity and neuromodulation</i>                                                |                                       |                       |                  |
| <b>Memorial Sloan-Kettering Cancer Center</b><br>Ashley M Laughney Bakhoun, Ph.D<br>Dept. of Medicine<br>Box 551, 1275 York Ave.<br>New York, NY 10065 | PC                                    | 35,000.00<br>39606    | 8/15/2016        |
| <i>Uncovering transcriptional vulnerabilities in latent metastasis</i>                                                                                 |                                       |                       |                  |
| <b>Pennsylvania State University</b><br>Xin Zhang, Ph.D.<br>University Park, PA                                                                        | GOV                                   | 60,000 00<br>37607    | 9/15/2015        |
| <i>Scrutinizing the cellular and molecular mechanisms that create and maintain the functional proteome using chemical probes</i>                       |                                       |                       |                  |
| <b>Pennsylvania State University</b><br>Xin Zhang, Ph D.<br>University Park, PA                                                                        | GOV                                   | 60,000 00<br>38462    | 2/16/2016        |
| <i>Scrutinizing the cellular and molecular mechanisms that create and maintain the functional proteome using chemical probes</i>                       |                                       |                       |                  |
| <b>Pennsylvania State University</b><br>Xin Zhang, Ph.D<br>University Park, PA                                                                         | GOV                                   | 60,000.00<br>39586    | 8/15/2016        |
| <i>Scrutinizing the cellular and molecular mechanisms that create and maintain the functional proteome using chemical probes</i>                       |                                       |                       |                  |
| <b><u>Career Award at the Scientific Interface</u></b>                                                                                                 |                                       |                       |                  |
| <b>Pennsylvania State University</b><br>Xin Zhang, Ph D<br>University Park, PA                                                                         | GOV                                   | 6,091.00<br>37957     | 11/12/2015       |
| <i>Scrutinizing the cellular and molecular mechanisms that create and maintain the functional proteome using chemical probes</i>                       |                                       |                       |                  |

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| <b>University of Maryland-College Park</b><br>Kimberly Murley Stroka, Ph D<br>College Park, MD<br><i>Engineering blood-brain barrier mechanobiology in tumor metastasis</i>                                                   | GOV                                   | 60,000.00<br>38467    | 2/16/2016        |
| <b>University of Maryland-College Park</b><br>Kimberly Murley Stroka, Ph D.<br>College Park, MD<br><i>Engineering blood-brain barrier mechanobiology in tumor metastasis</i>                                                  | GOV                                   | 60,000.00<br>39589    | 8/15/2016        |
| <b>University of Maryland-College Park</b><br>Kimberly Murley Stroka, Ph.D.<br>College Park, MD<br><i>Engineering blood-brain barrier mechanobiology in tumor metastasis</i>                                                  | GOV                                   | 33,746.67<br>37777    | 10/15/2015       |
| <b>Regents of the University of California</b><br>Stephanie I. Fraley, Ph D.<br>CA<br><i>Digitizing microRNA: integrated profiling and discovery for rapid, quantitative, and broad-scale detection in infectious disease</i> | PC                                    | 60,000.00<br>38456    | 2/16/2016        |
| <b>Regents of the University of California</b><br>Michael D. Vahey, Ph.D.<br>CA<br><i>Uncovering the dynamics of enveloped virus assembly</i>                                                                                 | PC                                    | 35,000.00<br>38464    | 2/16/2016        |
| <b>Career Award at the Scientific Interface</b><br><b>Regents of the University of California</b><br>Prashant Mali, Ph.D<br>CA<br><i>Engineering normal and diseased liver organogenesis</i>                                  | PC                                    | 50,000.00<br>38465    | 2/16/2016        |
| <b>Regents of the University of California</b><br>Prashant Mali, Ph D.<br>CA<br><i>Engineering normal and diseased liver organogenesis</i>                                                                                    | PC                                    | 50,000.00<br>39587    | 8/15/2016        |
| <b>Northwestern University</b><br>Monica M Laronda, Ph D<br>Chicago, IL<br><i>Engineering an artificial ovary to restore fertility and endocrine function in cancer survivors</i>                                             | PC                                    | 35,000.00<br>38478    | 2/16/2016        |
| <b>Board of Regents of the University of Wisconsin System</b><br>Megan Nicole McClean, Ph D                                                                                                                                   | GOV                                   | 60,000.00<br>38453    |                  |

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| Madison, WI<br><i>Optogenetic and microfluidic tools for generating dynamic inputs to interrogate and control biological networks</i>                                                                                                                                                          |                                       |                       | 2/16/2016        |
| <b><u>Career Award at the Scientific Interface</u></b><br><b>Board of Regents of the University of Wisconsin System</b><br>Megan Nicole McClean, Ph D<br>Madison, WI<br><i>Optogenetic and microfluidic tools for generating dynamic inputs to interrogate and control biological networks</i> | GOV                                   | 60,000.00<br>39582    | 8/15/2016        |
| <b>Washington University School of Medicine</b><br>Gregory R. Bowman, Ph.D<br>Saint Louis, MO<br><i>Decrypting cryptic allosteric sites resulting from protein flexibility</i>                                                                                                                 | GOV                                   | 60,000.00<br>39583    | 8/15/2016        |
| <b>Yale University</b><br>Nikhil S Malvankar, Ph D.<br>New Haven, CT<br><i>Direct visualization of charge flow in individual native biomolecules</i>                                                                                                                                           | PC                                    | 41,953.50<br>37776    | 10/15/2015       |
| <b>University of Utah</b><br>Paul A Sigala, Ph D<br>Salt Lake City, UT<br><i>Mechanistic probes of heme metabolism in malaria parasites</i>                                                                                                                                                    | GOV                                   | 13,336.59<br>38454    | 2/16/2016        |
| <b>Yale University</b><br>Elizabeth Hesper Rego, Ph.D<br>New Haven, CT<br><i>Drug use on the single cell level. differential antibiotic susceptibility of mycobacterial cells using fluorescent reporters.</i>                                                                                 | PC                                    | 60,000.00<br>39590    | 8/15/2016        |
| <b>University of California-Los Angeles</b><br>Keisuke Goda, Ph.D.<br>Los Angeles, CA<br><i>Development of high-throughput blood screening technology for real-time noninvasive cancer diagnostics and therapy</i>                                                                             | GOV                                   | 60,000.00<br>38445    | 2/16/2016        |
| <b><u>Career Award at the Scientific Interface</u></b><br><b>University of Utah</b><br>Paul A. Sigala, Ph D.<br>Salt Lake City, UT                                                                                                                                                             | GOV                                   | 60,000.00<br>38318    | 1/15/2016        |

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| <i>Mechanistic probes of heme metabolism in malaria parasites</i>                                                                                                                                                                                             |                                       |                       |                  |
| <b>University of Utah</b><br>Paul A. Sigala, Ph.D.<br>Salt Lake City, UT                                                                                                                                                                                      | GOV                                   | 60,000.00<br>39344    | 7/14/2016        |
| <i>Mechanistic probes of heme metabolism in malaria parasites</i>                                                                                                                                                                                             |                                       |                       |                  |
| <b>Yale University</b><br>Nikhil S. Malvankar, Ph.D.<br>New Haven, CT<br><i>Direct visualization of charge flow in individual native biomolecules</i>                                                                                                         | PC                                    | 60,000.00<br>39588    | 8/15/2016        |
| <b>Yale University</b><br>Nikhil S. Malvankar, Ph.D.<br>New Haven, CT<br><i>Direct visualization of charge flow in individual native biomolecules</i>                                                                                                         | PC                                    | 60,000.00<br>38466    | 2/16/2016        |
| <b>Yale University</b><br>Nikhil S. Malvankar, Ph.D.<br>New Haven, CT<br><i>Direct visualization of charge flow in individual native biomolecules</i>                                                                                                         | PC                                    | 60,000.00<br>37608    | 9/15/2015        |
| <b>Georgia Tech Research Corporation</b><br>Gabriel A. Kwong, Ph.D.<br>Atlanta, GA<br><i>Nanoparticles that amplify biomarkers in vivo for ultrasensitive metastasis monitoring</i>                                                                           | SO III FI                             | 60,000.00<br>38458    | 2/16/2016        |
| <b>Career Award at the Scientific Interface</b><br><b>University of North Carolina-Chapel Hill</b><br>Jeffrey Neil Stirman, Ph.D.<br>Chapel Hill, NC<br><i>Trepan2p Microscopy: panoramic brain imaging with cellular resolution for systems neuroscience</i> | PC                                    | 35,000.00<br>38474    | 2/16/2016        |
| <b>University of North Carolina-Chapel Hill</b><br>Jeffrey Neil Stirman, Ph.D.<br>Chapel Hill, NC<br><i>Trepan2p Microscopy: panoramic brain imaging with cellular resolution for systems neuroscience</i>                                                    | PC                                    | 35,000.00<br>39600    | 8/15/2016        |
| <b>President and Fellows of Harvard College</b><br>Elizabeth Hesper Rego, Ph.D.<br>Boston, MA<br><i>Drug use on the single cell level. differential antibiotic susceptibility of mycobacterial cells using fluorescent reporters.</i>                         | PC                                    | 35,000.00<br>38468    | 2/16/2016        |

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| <b>President and Fellows of Harvard College</b><br>Amit Choudhary, Ph D.<br>Boston, MA<br><i>Snakes, antioxidants, and diabetes</i>                                                                              | PC                                    | 35,000.00<br>38460<br>2/16/2016  |
| <b>President and Fellows of Harvard College</b><br>Vivek Venkatachalam, Ph.D.<br>Boston, MA<br><i>Lifetime behavior and neurophysiology in C. elegans</i>                                                        | PC                                    | 35,000.00<br>38473<br>2/16/2016  |
| <b>President and Fellows of Harvard College</b><br>Allon Moshe Klein, Ph D.<br>Boston, MA<br><i>Defining patterns and mechanisms of stem cell fate choice</i>                                                    | PC                                    | 60,000.00<br>38447<br>2/16/2016  |
| <b>Career Award at the Scientific Interface</b><br><b>President and Fellows of Harvard College</b><br>Allon Moshe Klein, Ph.D.<br>Boston, MA<br><i>Defining patterns and mechanisms of stem cell fate choice</i> | PC                                    | 60,000.00<br>39576<br>8/15/2016  |
| <b>Trustees of Boston University</b><br>Dr Mark A Kramer, Ph D<br>Boston, MA<br><i>Population rhythms of epilepsy</i>                                                                                            | PC                                    | 45,000.00<br>38148<br>12/15/2015 |
| <b>Trustees of the University of Pennsylvania</b><br>Eleni Katifori, Ph.D.<br>Philadelphia, PA<br><i>Robustness and optimality in loopy biological distribution networks</i>                                     | PC                                    | 60,000.00<br>38446<br>2/16/2016  |
| <b>Trustees of the University of Pennsylvania</b><br>Eleni Katifori, Ph.D.<br>Philadelphia, PA<br><i>Robustness and optimality in loopy biological distribution networks</i>                                     | PC                                    | 60,000.00<br>39575<br>8/15/2016  |
| <b>Trustees of the University of Pennsylvania</b><br>Matthew C Good, Ph D<br>Philadelphia, PA<br><i>Cell size and shape dependence of intracellular assembly and signaling</i>                                   | PC                                    | 60,000.00<br>38461<br>2/16/2016  |

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| <b>Trustees of the University of Pennsylvania</b><br>Matthew C Good, Ph D<br>Philadelphia, PA<br><i>Cell size and shape dependence of intracellular assembly and signaling</i><br><b>Career Award at the Scientific Interface</b><br><b>President and Fellows of Harvard College</b><br>Vivek Venkatachalam, Ph D<br>Boston, MA<br><i>Lifetime behavior and neurophysiology in C. elegans</i>                            | PC                                            | 60,000.00<br>39585<br>8/15/2016         |
| <b>President and Fellows of Harvard College</b><br>Christina May Woo, Ph.D<br>Boston, MA<br><i>Expansion of the druggable proteome: understanding proteome-wide small molecule--protein interactions</i>                                                                                                                                                                                                                 | PC                                            | 60,000.00<br>39598<br>8/15/2016         |
| <b>President and Fellows of Harvard College</b><br>L. Stirling Churchman, Ph.D<br>Boston, MA<br><i>Regulation of the RNA polymerase motor mechanism %in vivo%</i>                                                                                                                                                                                                                                                        | PC                                            | 50,000.00<br>38443<br>2/16/2016         |
| <b>President and Fellows of Harvard College</b><br>Christopher D. Harvey, Ph.D<br>Boston, MA<br><i>Neural circuit mechanisms underlying decision-making in mice</i>                                                                                                                                                                                                                                                      | PC                                            | 50,000.00<br>38308<br>1/15/2016         |
| <b>President and Fellows of Harvard College</b><br>Christopher D. Harvey, Ph.D.<br>Boston, MA<br><i>Neural circuit mechanisms underlying decision-making in mice</i>                                                                                                                                                                                                                                                     | PC                                            | 50,000.00<br>39329<br>7/14/2016         |
| <b>Trustees of the University of Pennsylvania</b><br>Ann M Hermundstad, Ph.D<br>Philadelphia, PA<br><i>Beyond independence: emergent neural function and the natural world</i><br><b>Career Award at the Scientific Interface</b><br><b>Board of Trustees of the Leland Stanford Junior University</b><br>Bo Wang, Ph D.<br><i>In vivo imaging and functional genomic analysis of stem cells in human parasitic worm</i> | PC                                            | 35,000.00<br>38476<br>2/16/2016         |
|                                                                                                                                                                                                                                                                                                                                                                                                                          | PC                                            | 60,000.00<br>37755<br>10/15/2015        |

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| <i>Schistosoma</i>                                                                                           |                                |                |           |
| <b>Board of Trustees of the Leland Stanford Junior University</b>                                            | PC                             | 60,000.00      |           |
| Bo Wang, Ph D.                                                                                               |                                | 39342          |           |
| <i>In vivo imaging and functional genomic analysis of stem cells in human parasitic worm schistosoma</i>     |                                |                | 7/14/2016 |
| <b>Board of Trustees of the Leland Stanford Junior University</b>                                            | PC                             | 35,000.00      |           |
| Christina May Woo, Ph.D.                                                                                     |                                | 38471          |           |
| <i>Expansion of the druggable proteome: understanding proteome-wide small molecule--protein interactions</i> |                                |                | 2/16/2016 |
| <b>Regents of the University of California</b>                                                               | PC                             | 70,000.00      |           |
| Eva-Maria S Collins, Ph D                                                                                    |                                | 38808          |           |
| CA                                                                                                           |                                |                | 4/14/2016 |
| <i>Biophysical approaches to study stem cell dynamics during regeneration in planarians</i>                  |                                |                |           |
| <b>Career Award at the Scientific Interface</b>                                                              |                                |                |           |
| <b>Regents of the University of California</b>                                                               | PC                             | 35,000.00      |           |
| Shawn Michael Douglas, Ph D.                                                                                 |                                | 38444          |           |
| CA                                                                                                           |                                |                | 2/16/2016 |
| <i>Self-assembled DNA devices for nanoscale manipulation of immune signal transduction</i>                   |                                |                |           |
| <b>Regents of the University of California</b>                                                               | PC                             | 60,000.00      |           |
| Hernan G Garcia, Ph D.                                                                                       |                                | 39343          |           |
| CA                                                                                                           |                                |                | 7/14/2016 |
| <i>Wiring up the synthetic fly</i>                                                                           |                                |                |           |
| <b>Trustees of Columbia University in the City of New York</b>                                               | PC                             | 35,000.00      |           |
| Weijian Yang, Ph D.                                                                                          |                                | 39603          |           |
| New York, NY                                                                                                 |                                |                | 8/15/2016 |
| <i>Holographic mapping and manipulation of neuronal microcircuits</i>                                        |                                |                |           |
| <b>Trustees of Columbia University in the City of New York</b>                                               | PC                             | 5,000.00       |           |
| Karen E Kasza, Ph D                                                                                          |                                | 38963          |           |
| New York, NY                                                                                                 |                                |                | 5/12/2016 |
| <i>Mechanical cues coordinating cell behaviors during morphogenesis</i>                                      |                                |                |           |
| <b>Trustees of Columbia University in the City of New York</b>                                               | PC                             | 60,000.00      |           |
| Yaniv Erlich, Ph D.                                                                                          |                                | 38455          |           |
| New York, NY                                                                                                 |                                |                | 2/16/2016 |
| <i>Dissecting complex phenotypes using web 2.0 social networks</i>                                           |                                |                |           |

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| <b>Trustees of Columbia University in the City of New York</b><br>Karen E. Kasza, Ph.D.<br>New York, NY<br><i>Mechanical cues coordinating cell behaviors during morphogenesis</i><br><b><u>Career Award at the Scientific Interface</u></b> | PC                                    | 60,000.00<br>39345<br>7/14/2016  |
| <b>Trustees of Columbia University in the City of New York</b><br>Karen E. Kasza, Ph.D.<br>New York, NY<br><i>Mechanical cues coordinating cell behaviors during morphogenesis</i>                                                           | PC                                    | 60,000.00<br>38457<br>2/16/2016  |
| <b>Trustees of Columbia University in the City of New York</b><br>Yaniv Erlich, Ph.D.<br>New York, NY<br><i>Dissecting complex phenotypes using web 2.0 social networks</i>                                                                  | PC                                    | 60,000.00<br>39584<br>8/15/2016  |
| <b>Regents of the University of California</b><br>Alexander G Huth, Ph.D.<br>CA<br><i>Comprehensive functional mapping of human cortex using generative models</i>                                                                           | PC                                    | 35,000.00<br>39605<br>8/15/2016  |
| <b>Regents of the University of California</b><br>Sergey A. Kryazhmskiy, Ph.D.<br>CA<br><i>Predicting evolution in microbial populations</i>                                                                                                 | PC                                    | 60,000.00<br>37954<br>11/12/2015 |
| <b>Regents of the University of California</b><br>Sergey A. Kryazhmskiy, Ph.D.<br>CA<br><i>Predicting evolution in microbial populations</i>                                                                                                 | PC                                    | 60,000.00<br>38962<br>5/12/2016  |
| <b>Regents of the University of California</b><br>Eva-Maria S. Collins, Ph.D.<br>CA<br><i>Biophysical approaches to study stem cell dynamics during regeneration in planarians</i><br><b><u>Career Award at the Scientific Interface</u></b> | PC                                    | 60,000.00<br>37953<br>11/12/2015 |
| <b>Washington University</b><br>ShiNung Ching, Ph.D.<br>Saint Louis, MO<br><i>Towards treatments in disorders of consciousness and new models of general anesthesia</i>                                                                      | PC                                    | 60,000.00<br>38448<br>2/16/2016  |

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| <b>Regents of the University of California</b><br>Ariana E Anderson, Ph D.<br>CA<br><i>It's All in Your Head. Isolating the Placebo Effect in the Brain to Reduce Drug Development Costs</i>          | PC                                   | 35,000.00<br>38469<br>2/16/2016  |
| <b>Washington University</b><br>ShiNung Ching, Ph.D.<br>Saint Louis, MO<br><i>Towards treatments in disorders of consciousness and new models of general anesthesia</i>                               | PC                                   | 70,000.00<br>39577<br>8/15/2016  |
| <b>Trustees of Princeton University</b><br>Allyson E Sgro, Ph D.<br>Princeton, NJ<br><i>Greater as a whole: bridging intracellular signaling and population behaviors in collective systems</i>       | PC                                   | 35,000.00<br>39601<br>8/15/2016  |
| <b>Trustees of Princeton University</b><br>Allyson E Sgro, Ph.D.<br>Princeton, NJ<br><i>Greater as a whole. bridging intracellular signaling and population behaviors in collective systems</i>       | PC                                   | 35,000.00<br>38477<br>2/16/2016  |
| <b>Trustees of Princeton University</b><br>Buz M Barstow, Ph D.<br>Princeton, NJ<br><i>Evolving the limits of metabolism and in vivo catalysis</i><br><b>Career Award at the Scientific Interface</b> | PC                                   | 50,000.00<br>37752<br>10/15/2015 |
| <b>Trustees of Princeton University</b><br>Jing Yan, Ph.D<br>Princeton, NJ<br><i>Resolving and analyzing living bacterial biofilms at the single cell level</i>                                       | PC                                   | 35,000.00<br>39604<br>8/15/2016  |
| <b>Trustees of Princeton University</b><br>Amy Wesolowski, Ph D.<br>Princeton, NJ<br><i>Impact of human travel on infectious disease dynamics</i>                                                     | PC                                   | 35,000.00<br>39607<br>8/15/2016  |
| <b>Baylor College of Medicine</b><br>Heng Xu, Ph.D.<br>Houston, TX<br><i>Deciphering stochastic transcriptional regulation at the single-event level</i>                                              | PC                                   | 35,000.00<br>38463<br>2/16/2016  |

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| <b>University of Washington</b><br>Joshua Vaughan, Ph D<br>Seattle, WA<br><i>Discovery of new motility mechanism and high speed, &lt;%in vivo%&gt; imaging of motor protein dynamics</i>                       | GOV                                   | 60,000.00<br>37744<br>10/15/2015 |
| <b>University of Washington</b><br>Joshua Vaughan, Ph.D.<br>Seattle, WA<br><i>Discovery of new motility mechanism and high speed, &lt;%in vivo%&gt; imaging of motor protein dynamics</i>                      | GOV                                   | 60,000.00<br>39574<br>8/15/2016  |
| <b>University of Washington</b><br>Elizabeth A Nance, Ph D.<br>Seattle, WA<br><i>Nanoparticle-mediated targeted therapies for pediatric brain disorders</i><br><b>Career Award at the Scientific Interface</b> | GOV                                   | 1,197.00<br>38163<br>12/15/2015  |
| <b>University of Washington</b><br>Ramkumar Sabesan, Ph.D.<br>Seattle, WA<br><i>Studying visual function on a cellular scale</i>                                                                               | GOV                                   | 85,893.15<br>39186<br>6/15/2016  |
| <b>University of Washington</b><br>Jesse G. Zalatan, Ph.D<br>Seattle, WA<br><i>Entropic contributions to efficiency in biochemical networks</i>                                                                | GOV                                   | 60,000.00<br>38452<br>2/16/2016  |
| <b>University of Washington</b><br>Jesse G Zalatan, Ph.D.<br>Seattle, WA<br><i>Entropic contributions to efficiency in biochemical networks</i>                                                                | GOV                                   | 60,000.00<br>39581<br>8/15/2016  |
| <b>University of Washington</b><br>Elizabeth A Nance, Ph D.<br>Seattle, WA<br><i>Nanoparticle-mediated targeted therapies for pediatric brain disorders</i>                                                    | GOV                                   | 60,000.00<br>38162<br>12/15/2015 |
| <b>University of Washington</b><br>Elizabeth A Nance, Ph D.<br>Seattle, WA<br><i>Nanoparticle-mediated targeted therapies for pediatric brain disorders</i>                                                    | GOV                                   | 60,000.00<br>38834<br>4/14/2016  |

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| University of Washington<br>Ramkumar Sabesan, Ph.D<br>Seattle, WA<br><i>Studying visual function on a cellular scale</i><br><u>Career Award at the Scientific Interface</u>                           | GOV                                  | 60,000.00<br>38335<br>1/15/2016  |
| University of Washington<br>Ramkumar Sabesan, Ph.D<br>Seattle, WA<br><i>Studying visual function on a cellular scale</i>                                                                              | GOV                                  | 60,000.00<br>38835<br>4/14/2016  |
| Johns Hopkins University<br>Chen Li, Ph.D.<br>Baltimore, MD<br><i>The terrodynamics of biological movement in complex terrain</i>                                                                     | PC                                   | 60,000.00<br>38479<br>2/16/2016  |
| Johns Hopkins University<br>Chen Li, Ph.D<br>Baltimore, MD<br><i>The terrodynamics of biological movement in complex terrain</i>                                                                      | PC                                   | 60,000.00<br>39363<br>7/14/2016  |
| Johns Hopkins University<br>Chen Li, Ph.D.<br>Baltimore, MD<br><i>The terrodynamics of biological movement in complex terrain</i>                                                                     | PC                                   | 9,477.19<br>38846<br>4/14/2016   |
| University of Cincinnati<br>Daniel A. Wagenaar, Ph.D<br>Cincinnati, OH<br><i>Neural circuitry and mechanisms of multisensory integration in a predatory invertebrate</i>                              | PC                                   | 60,000.00<br>37951<br>11/12/2015 |
| California Institute of Technology<br>Lacramioara Bintu, Ph.D<br>Pasadena, CA<br><i>Dynamics of epigenetic regulation at the single-cell level</i><br><u>Career Award at the Scientific Interface</u> | PC                                   | 35,000.00<br>38470<br>2/16/2016  |
| California Institute of Technology<br>Lacramioara Bintu, Ph.D.<br>Pasadena, CA<br><i>Dynamics of epigenetic regulation at the single-cell level</i>                                                   | PC                                   | 35,000.00<br>39597<br>8/15/2016  |
| California Institute of Technology<br>Lulu Qian, Ph.D                                                                                                                                                 | PC                                   | 60,000.00<br>38450               |

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| Pasadena, CA<br><i>Exploring and re-realizing the principles of information processing in biology using artificial nucleic-acid systems</i>                                                                                                                                     | PC                                    | 70,000.00<br>39579<br>8/15/2016  |
| <b>California Institute of Technology</b><br>Lulu Qian, Ph.D.<br>Pasadena, CA<br><i>Exploring and re-realizing the principles of information processing in biology using artificial nucleic-acid systems</i>                                                                    | PC                                    | 50,000.00<br>37756<br>10/15/2015 |
| <b>California Institute of Technology</b><br>Mikhail G. Shapiro, Ph.D.<br>Pasadena, CA<br><i>Genetically encoded reporters for sensitive non-invasive imaging of biological function</i>                                                                                        | PC                                    | 50,000.00<br>38814<br>4/14/2016  |
| <b>Massachusetts Institute of Technology</b><br>Heather J Kulik, Ph.D.<br>Cambridge, MA<br><i>Deciphering the role of the protein scaffold in enzyme catalysis with fast and accurate computation</i>                                                                           | PC                                    | 60,000.00<br>38451<br>2/16/2016  |
| <b>Career Award at the Scientific Interface</b><br><b>Massachusetts Institute of Technology</b><br>Heather J Kulik, Ph.D.<br>Cambridge, MA<br><i>Deciphering the role of the protein scaffold in enzyme catalysis with fast and accurate computation</i>                        | PC                                    | 60,000.00<br>39580<br>8/15/2016  |
| <b>Massachusetts Institute of Technology</b><br>Kwanghun Chung, Ph.D.<br>Cambridge, MA<br><i>Clear, Lipid-exchanged, Anatomically Rigid, Imaging/immunostaining-compatible, Tissue hydrogel (CLARITY) technology for high-throughput and high-content whole tissue analysis</i> | PC                                    | 60,000.00<br>38449<br>2/16/2016  |
| <b>Massachusetts Institute of Technology</b><br>Kwanghun Chung, Ph.D.<br>Cambridge, MA<br><i>Clear, Lipid-exchanged, Anatomically Rigid, Imaging/immunostaining-compatible, Tissue hydrogel (CLARITY) technology for high-throughput and high-content whole tissue analysis</i> | PC                                    | 60,000.00<br>39578<br>8/15/2016  |
| <b>Career Award for Science and Mathematics Teachers</b>                                                                                                                                                                                                                        |                                       |                                  |

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| <b>Cumberland County Schools</b><br>Mrs Heather M Kaiser<br>Fayetteville, NC<br><i>Simulations that Stimulate Student Scientists</i>                                                                  | GOV                                  | 15,000.00<br>37750<br>10/15/2015 |
| <b>Cumberland County Schools</b><br>Mrs. Heather M Kaiser<br>Fayetteville, NC<br><i>Simulations that Stimulate Student Scientists</i>                                                                 | GOV                                  | 25,000.00<br>39333<br>7/14/2016  |
| <b><u>Career Award for Science and Mathematics Teachers</u></b><br><b>Cumberland County Schools</b><br>Ms Rolle 'Andi' Adrienne Webb<br>Fayetteville, NC<br><i>Meaningful Mathematics for Mastery</i> | GOV                                  | 15,000.00<br>38850<br>4/14/2016  |
| <b>Craven County Board of Education</b><br>Mr John D Scarfpin<br>New Bern, NC<br><i>Engineering the future of STEM education</i>                                                                      | GOV                                  | 15,000.00<br>38851<br>4/14/2016  |
| <b>Watauga County Schools</b><br>Mrs. Katie Mauldin Matthews<br>Boone, NC<br><i>Science P.A.L.S.: Participating in Active Learning through Science</i>                                                | GOV                                  | 15,000.00<br>38849<br>4/14/2016  |
| <b>Exploris School</b><br>Ms Amanda Northrup<br>Raleigh, NC<br><i>Enriching Elementary STEM Teaching and Learning Through Professional Development and Science Equipment Rooms</i>                    | PC                                   | 30,000.00<br>37751<br>10/15/2015 |
| <b>Exploris School</b><br>Ms Amanda Northrup<br>Raleigh, NC<br><i>Enriching Elementary STEM Teaching and Learning Through Professional Development and Science Equipment Rooms</i>                    | PC                                   | 25,000.00<br>39334<br>7/14/2016  |
| <b>Exploris School</b><br>Ms Amanda Northrup<br>Raleigh, NC<br><i>Enriching Elementary STEM Teaching and Learning Through Professional Development and Science Equipment Rooms</i>                    | PC                                   | 9,307.17<br>38309<br>1/15/2016   |
| <b><u>Career Award for Science and Mathematics Teachers</u></b>                                                                                                                                       |                                      |                                  |

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| <b>Durham Public Schools</b>                                                                  | GOV                                   | 15,000.00                       |
| Mrs Tomika R Altman-Lewis<br>Durham, NC                                                       |                                       | 38852<br>4/14/2016              |
| <i>The Power of STEM: Using STEM to Change the Mindset of Students and Empower Educators.</i> |                                       |                                 |
| <b>Winston-Salem Forsyth County Schools</b>                                                   | GOV                                   | 25,000.00                       |
| Mr. Gregory Scott Fisher<br>Winston-Salem, NC                                                 |                                       | 39332<br>7/14/2016              |
| <i>Strengthening the Math Instruction in Forsyth County</i>                                   |                                       |                                 |
| <b>Winston-Salem Forsyth County Schools</b>                                                   | GOV                                   | 15,000.00                       |
| Mr. Gregory Scott Fisher<br>Winston-Salem, NC                                                 |                                       | 37749<br>10/15/2015             |
| <i>Strengthening the Math Instruction in Forsyth County</i>                                   |                                       |                                 |
| <b>Winston-Salem Forsyth County Schools</b>                                                   | GOV                                   | 15,000.00                       |
| Mrs Wendy Elizabeth Bartlett<br>Winston-Salem, NC                                             |                                       | 37748<br>10/15/2015             |
| <i>Using Technology to Engage Students in the Mathematics Classroom</i>                       |                                       |                                 |
| <b>Winston-Salem Forsyth County Schools</b>                                                   | GOV                                   | 25,000.00                       |
| Mrs. Wendy Elizabeth Bartlett<br>Winston-Salem, NC                                            |                                       | 39331<br>7/14/2016              |
| <i>Using Technology to Engage Students in the Mathematics Classroom</i>                       |                                       |                                 |
| <b>Buncombe County Schools</b>                                                                | GOV                                   | 15,000.00                       |
| Dr Michael J Bowman, Ed.D<br>Asheville, NC                                                    |                                       | 37747<br>10/15/2015             |
| <i>From Inquiry To STEM, Reforming My Classroom, My School, My District</i>                   |                                       |                                 |
| <b>Career Award for Science and Mathematics Teachers</b>                                      |                                       |                                 |
| <b>Buncombe County Schools</b>                                                                | GOV                                   | 25,000.00                       |
| Dr. Michael J Bowman, Ed.D.<br>Asheville, NC                                                  |                                       | 39330<br>7/14/2016              |
| <i>From Inquiry To STEM, Reforming My Classroom, My School, My District.</i>                  |                                       |                                 |
| <b>Buncombe County Schools</b>                                                                | GOV                                   | 15,000.00                       |
| Mrs Kimberly Clark<br>Asheville, NC                                                           |                                       | 37759<br>10/15/2015             |
| <i>Leading the Way to the Common Core</i>                                                     |                                       |                                 |
| <b>Buncombe County Schools</b>                                                                | GOV                                   | 15,000.00                       |
| Mrs. Kimberly Clark<br>Asheville, NC                                                          |                                       | 38817<br>4/14/2016              |

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| <i>Leading the Way to the Common Core</i><br><b>Wake County Public School System</b><br>Mrs. Jodi S Riedel<br>Raleigh, NC                                                                                                                     | GOV                                   | 15,000.00<br>38847    | 4/14/2016        |
| <i>Food Science from Farm to Fork</i><br><b>Alleghany County Schools</b><br>Ms Michelle Wendy Beard<br>Sparta, NC<br><i>Integrating Technology into the Science classroom to connect classroom learning with future career possibilities.</i> | GOV                                   | 15,000.00<br>37757    | 10/15/2015       |
| <b>Alleghany County Schools</b><br>Ms. Michelle Wendy Beard<br>Sparta, NC<br><i>Integrating Technology into the Science classroom to connect classroom learning with future career possibilities.</i>                                         | GOV                                   | 15,000.00<br>38815    | 4/14/2016        |
| <b>Career Award for Science and Mathematics Teachers</b><br><b>Union County Public Schools</b><br>Mr Christopher Shannon Fisher<br>Monroe, NC<br><i>Math Science 360</i>                                                                      | GOV                                   | 15,000.00<br>37758    | 10/15/2015       |
| <b>Union County Public Schools</b><br>Mr Christopher Shannon Fisher<br>Monroe, NC<br><i>Math Science 360</i>                                                                                                                                  | GOV                                   | 15,000.00<br>38816    | 4/14/2016        |
| <b>Exploris Middle School</b><br>Ms Sonja Celene Fischer McKay<br>Raleigh, NC<br><i>DesignEd</i>                                                                                                                                              | GOV                                   | 15,000.00<br>37956    | 11/12/2015       |
| <b>Exploris Middle School</b><br>Ms. Sonja Celene Fischer McKay<br>Raleigh, NC<br><i>DesignEd</i>                                                                                                                                             | GOV                                   | 15,000.00<br>38819    | 4/14/2016        |
| <b>Cabarrus County Schools</b><br>Ms Jennifer Michelle McCarthy<br>Concord, NC<br><i>It's Not Just Math 21st Century Readiness through STEM Integration in Mathematics</i>                                                                    | GOV                                   | 15,000.00<br>38848    | 4/14/2016        |
| <b>Gaston County Public Schools</b><br>Ms. Michelle Ellis                                                                                                                                                                                     | GOV                                   | 15,000.00<br>37760    |                  |

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| Gastonia, NC<br><i>It Takes a Village to Raise Student Achievement</i>                                                                                                                                                                                                             |                                       | 10/15/2015                       |
| <br><b><u>Career Award for Science and Mathematics Teachers</u></b><br><b>Gaston County Public Schools</b><br>Ms. Michelle Ellis<br>Gastonia, NC<br><i>It Takes a Village to Raise Student Achievement</i>                                                                         | GOV                                   | 15,000.00<br>38818<br>4/14/2016  |
| <b><u>Career Awards in the Biomedical Sciences</u></b><br><b>Washington University</b><br>Dr. Ira M. Hall, Ph.D<br>Saint Louis, MO<br><i>Investigation of DNA copy-number fluctuation and epigenetic inheritance using genomic microarrays</i>                                     | PC                                    | 89,257.54<br>37560<br>9/15/2015  |
| <b>Trustees of Columbia University in the City of New York</b><br>Dr. Ruben L. Gonzalez, Jr., Ph.D<br>New York, NY<br><i>Single-molecule fluorescence studies of eukaryotic translation initiation and regulation</i>                                                              | PC                                    | 19,333.00<br>38298<br>1/15/2016  |
| <b>Trustees of Columbia University in the City of New York</b><br>Dr. Mark M. Churchland, Ph.D<br>New York, NY<br><i>Experimental study of settling neural processes in the primate brain</i>                                                                                      | PC                                    | 56,500.00<br>38144<br>12/15/2015 |
| <b>Regents of the University of California</b><br>Dr. Feroz R. Papa, M.D., Ph.D.<br>CA<br><i>The connection between endoplasmic reticulum stress and type 2 diabetes</i>                                                                                                           | PC                                    | 50,000.00<br>38441<br>2/16/2016  |
| <b><u>Career Awards in the Biomedical Sciences</u></b><br><b>Memorial Sloan-Kettering Cancer Center</b><br>Dr. Eric C. Lai, Ph.D.<br>Dept. of Medicine<br>Box 551, 1275 York Ave.<br>New York, NY 10065<br><i>Genomewide analysis of microRNA function in &lt;%Drosophila%&gt;</i> | PC                                    | 55,250.00<br>38295<br>1/15/2016  |

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| <b>Memorial Sloan-Kettering Cancer Center</b><br>Dr. Eric C. Lai, Ph.D<br>Dept. of Medicine<br>Box 551, 1275 York Ave.<br>New York, NY 10065<br><i>Genomewide analysis of microRNA function in &lt;%Drosophila%&gt;</i>                                    | PC                                   | 37,209.00<br>38296<br>1/15/2016   |
| <b>Memorial Sloan-Kettering Cancer Center</b><br>Dr. Eric C. Lai, Ph.D<br>Dept. of Medicine<br>Box 551, 1275 York Ave<br>New York, NY 10065<br><i>Genomewide analysis of microRNA function in &lt;%Drosophila%&gt;</i>                                     | PC                                   | 104,125.00<br>38142<br>12/15/2015 |
| <b>University of California-San Diego School of Medicine</b><br>Dr. Seth J. Field, M.D., Ph.D.<br>LA Jolla, CA<br><i>Comprehensive analysis of phosphoinositide function</i>                                                                               | GOV                                  | 55,250.00<br>38440<br>2/16/2016   |
| <b>Columbia University</b><br>Dr. Ruben L. Gonzalez, Jr., Ph.D<br>New York, NY<br><i>Single-molecule fluorescence studies of eukaryotic translation initiation and regulation</i>                                                                          | PC                                   | 100,000.00<br>38143<br>12/15/2015 |
| <b>Career Awards in the Biomedical Sciences</b><br><b>Columbia University</b><br>Dr. Ruben L. Gonzalez, Jr., Ph.D.<br>New York, NY<br><i>Single-molecule fluorescence studies of eukaryotic translation initiation and regulation</i>                      | PC                                   | 34,635.55<br>38297<br>1/15/2016   |
| <b>Career Awards in the Medical Sciences</b><br><b>University of Texas Southwestern Medical Center-Dallas</b><br>Dr. Lu Quang Le, M.D., Ph.D.<br>Dallas, TX<br><i>Cell of origin and tumor microenvironment in NF1-associated neurofibroma development</i> | GOV                                  | 70,000.00<br>38578<br>3/15/2016   |
| <b>University of Texas Southwestern Medical Center-Dallas</b><br>Dr. Lu Quang Le, M.D., Ph.D.<br>Dallas, TX<br><i>Cell of origin and tumor microenvironment in NF1-associated neurofibroma development</i>                                                 | GOV                                  | 70,000.00<br>38960<br>5/12/2016   |
| <b>University of Texas Southwestern Medical Center-Dallas</b><br>Dr. Nikhil Vilas Munshi, M.D., Ph.D                                                                                                                                                       | GOV                                  | 140,000.00<br>38580               |

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| Dallas, TX                                                                                                                |                                | 3/15/2016                        |
| <i>Munshi, Nikhil -- Genomic Approaches to Understanding the Cis-Regulatory Architecture of the Atrioventricular Node</i> |                                |                                  |
| <b>Career Awards in the Medical Sciences</b>                                                                              |                                |                                  |
| <b>University of Texas Southwestern Medical Center-Dallas</b>                                                             |                                |                                  |
| Dr. Nikhil Vilas Munshi, M.D., Ph.D.                                                                                      | GOV                            | 70,000.00<br>38304<br>1/15/2016  |
| Dallas, TX                                                                                                                |                                |                                  |
| <i>Munshi, Nikhil -- Genomic Approaches to Understanding the Cis-Regulatory Architecture of the Atrioventricular Node</i> |                                |                                  |
| <b>University of Texas Southwestern Medical Center-Dallas</b>                                                             |                                |                                  |
| Dr. Hao Zhu, M.D.                                                                                                         | GOV                            | 80,000.00<br>37576<br>9/15/2015  |
| Dallas, TX                                                                                                                |                                |                                  |
| <i>Zhu, Hao -- Investigating the Lin28/let-7 pathway in mouse models of liver cancer and regeneration</i>                 |                                |                                  |
| <b>University of Texas Southwestern Medical Center-Dallas</b>                                                             |                                |                                  |
| Dr. Hao Zhu, M.D.                                                                                                         | GOV                            | 80,000.00<br>38591<br>3/15/2016  |
| Dallas, TX                                                                                                                |                                |                                  |
| <i>Zhu, Hao -- Investigating the Lin28/let-7 pathway in mouse models of liver cancer and regeneration</i>                 |                                |                                  |
| <b>Cold Spring Harbor Laboratory</b>                                                                                      |                                |                                  |
| Dr. Christopher Ryan Vakoc, M.D., Ph.D.                                                                                   | PC                             | 75,625.00<br>39328<br>7/14/2016  |
| Cold Spring Harbor, NY                                                                                                    |                                |                                  |
| <i>Vakoc, Christopher -- Identifying epigenetic vulnerabilities in chemotherapy-resistant leukemia</i>                    |                                |                                  |
| <b>Vanderbilt University Medical Center</b>                                                                               |                                |                                  |
| Dr. Gautam Bhawe, M.D., Ph.D.                                                                                             | PC                             | 70,000.00<br>37578<br>9/15/2015  |
| Nashville, TN                                                                                                             |                                |                                  |
| <i>Bhawe, Gautam -- Role of Peroxidasin and Protein Halogenation in Diabetic Nephropathy</i>                              |                                |                                  |
| <b>University of Texas Southwestern Medical Center-Dallas</b>                                                             |                                |                                  |
| Dr. Rhea Myers Sumpter, Jr., M.D., Ph.D.                                                                                  | GOV                            | 95,000.00<br>37761<br>10/15/2015 |
| Dallas, TX                                                                                                                |                                |                                  |
| <i>Sumpter, Rhea -- A novel role for FANCC in selective autophagy</i>                                                     |                                |                                  |
| <b>Career Awards in the Medical Sciences</b>                                                                              |                                |                                  |
| <b>University of Tennessee Health Science Center College of Medicine</b>                                                  |                                |                                  |
| Dr. Charles Gawad, M.D., Ph.D.                                                                                            | GOV                            | 70,000.00<br>37623<br>9/15/2015  |
| Memphis, TN                                                                                                               |                                |                                  |
| <i>Defining the Cellular and Genetic Origins of Childhood Acute Lymphoblastic Leukemia using Single-Cell Genomics</i>     |                                |                                  |

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| <b>University of Tennessee Health Science Center College of Medicine</b>                                              | GOV                                   | 70,000.00                       |
| Dr. Charles Gawad, M.D., Ph.D.                                                                                        |                                       | 38605                           |
| Memphis, TN                                                                                                           |                                       | 3/15/2016                       |
| <i>Defining the Cellular and Genetic Origins of Childhood Acute Lymphoblastic Leukemia using Single-Cell Genomics</i> |                                       |                                 |
| <b>Memorial Sloan-Kettering Cancer Center</b>                                                                         | PC                                    | 70,000.00                       |
| Dr. Alex Kentsis, M.D., Ph.D.                                                                                         |                                       | 38319                           |
| Dept. of Medicine                                                                                                     |                                       | 1/15/2016                       |
| Box 551, 1275 York Ave                                                                                                |                                       |                                 |
| New York, NY 10065                                                                                                    |                                       |                                 |
| <i>Kentsis, Alex -- Tumorigenesis by endogenous DNA transposons in human cancer.</i>                                  |                                       |                                 |
| <b>Memorial Sloan-Kettering Cancer Center</b>                                                                         | PC                                    | 70,000.00                       |
| Dr. Alex Kentsis, M.D., Ph.D.                                                                                         |                                       | 37582                           |
| Dept. of Medicine                                                                                                     |                                       | 9/15/2015                       |
| Box 551, 1275 York Ave                                                                                                |                                       |                                 |
| New York, NY 10065                                                                                                    |                                       |                                 |
| <i>Kentsis, Alex -- Tumorigenesis by endogenous DNA transposons in human cancer.</i>                                  |                                       |                                 |
| <b>Memorial Sloan-Kettering Cancer Center</b>                                                                         | PC                                    | 350,000.00                      |
| Dr. Alex Kentsis, M.D., Ph.D.                                                                                         |                                       | 38594                           |
| Dept. of Medicine                                                                                                     |                                       | 3/15/2016                       |
| Box 551, 1275 York Ave                                                                                                |                                       |                                 |
| New York, NY 10065                                                                                                    |                                       |                                 |
| <i>Kentsis, Alex -- Tumorigenesis by endogenous DNA transposons in human cancer.</i>                                  |                                       |                                 |
| <b>Career Awards in the Medical Sciences</b>                                                                          |                                       |                                 |
| <b>University of Utah</b>                                                                                             | GOV                                   | 75,000.00                       |
| Dr. Eric Lee Snyder, M.D., Ph.D.                                                                                      |                                       | 38583                           |
| Salt Lake City, UT                                                                                                    |                                       | 3/15/2016                       |
| <i>Snyder, Eric -- Regulation of lung cancer progression by the cell fate determinant Nkx2.1</i>                      |                                       |                                 |
| <b>University of Utah</b>                                                                                             | GOV                                   | 85,895.90                       |
| Dr. Eric Lee Snyder, M.D., Ph.D.                                                                                      |                                       | 37570                           |
| Salt Lake City, UT                                                                                                    |                                       | 9/15/2015                       |
| <i>Snyder, Eric -- Regulation of lung cancer progression by the cell fate determinant Nkx2.1</i>                      |                                       |                                 |
| <b>University of California-San Francisco</b>                                                                         | GOV                                   | 70,000.00                       |

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| Dr. Anna Victoria Rotberg Molofsky, M.D., Ph.D.<br>San Francisco, CA<br><i>Astrocyte-Encoded Regional cues in Developmental Synapse Formation</i>                                                                                                                           |                                       | 38606<br>3/15/2016               |
| <b>University of California-San Francisco</b><br>Dr. Anna Victoria Rotberg Molofsky, M.D., Ph.D.<br>San Francisco, CA<br><i>Astrocyte-Encoded Regional cues in Developmental Synapse Formation</i>                                                                          | GOV                                   | 70,000.00<br>37624<br>9/15/2015  |
| <b>University of California-San Francisco</b><br>Dr. Karunesh Ganguly, M.D., Ph.D.<br>San Francisco, CA<br><i>Ganguly, Karunesh - Control of a Complex Neuroprosthetic Device using Electroencephalography</i>                                                              | GOV                                   | 75,625.00<br>37568<br>9/15/2015  |
| <b>University of Chicago</b><br>Dr. Michael Thomas Spiotto, M.D., Ph.D.<br>Chicago, IL<br><i>Spiotto, Michael -- Identification of chromosomal aberrations that cooperate with the human papillomavirus to cause cancer</i>                                                 | PC                                    | 70,000.00<br>38589<br>3/15/2016  |
| <b>Career Awards in the Medical Sciences</b><br><b>University of Chicago</b><br>Dr. Michael Thomas Spiotto, M.D., Ph.D.<br>Chicago, IL<br><i>Spiotto, Michael -- Identification of chromosomal aberrations that cooperate with the human papillomavirus to cause cancer</i> | PC                                    | 70,000.00<br>37574<br>9/15/2015  |
| <b>Yale University</b><br>Dr. Karin Elisabeth Finberg, M.D., Ph.D.<br>New Haven, CT<br><i>Finberg, Karin -- Identification of Novel Genetic Regulators of Mammalian Iron Homeostasis</i>                                                                                    | PC                                    | 70,000.00<br>38581<br>3/15/2016  |
| <b>Yale University</b><br>Dr. Karin Elisabeth Finberg, M.D., Ph.D.<br>New Haven, CT<br><i>Finberg, Karin -- Identification of Novel Genetic Regulators of Mammalian Iron Homeostasis</i>                                                                                    | PC                                    | 70,000.00<br>38150<br>12/15/2015 |
| <b>Yale University</b><br>Dr. Karin Elisabeth Finberg, M.D., Ph.D.<br>New Haven, CT<br><i>Finberg, Karin -- Identification of Novel Genetic Regulators of Mammalian Iron Homeostasis</i>                                                                                    | PC                                    | 70,000.00<br>37745<br>10/15/2015 |
| <b>Weill Medical College of Cornell University</b><br>Dr. Marcin Imielinski, M.D., Ph.D.                                                                                                                                                                                    | PC                                    | 70,000.00<br>37772               |

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| New York, NY                                                                                                              |                                       | 10/15/2015                      |
| <i>Imielinski, Marcin -- Reconstructing complex loci in lung adenocarcinoma with large-insert whole genome sequencing</i> |                                       |                                 |
| <b>Weill Medical College of Cornell University</b>                                                                        | PC                                    | 70,000.00                       |
| Dr. Marcin Imielinski, M.D., Ph.D.                                                                                        |                                       | 38599                           |
| New York, NY                                                                                                              |                                       | 3/15/2016                       |
| <i>Imielinski, Marcin -- Reconstructing complex loci in lung adenocarcinoma with large-insert whole genome sequencing</i> |                                       |                                 |
| <b>Career Awards in the Medical Sciences</b>                                                                              |                                       |                                 |
| <b>Weill Medical College of Cornell University</b>                                                                        | PC                                    | 70,000.00                       |
| Dr. Matthew Blake Greenblatt, M.D., Ph.D.                                                                                 |                                       | 37625                           |
| New York, NY                                                                                                              |                                       | 9/15/2015                       |
| <i>Novel Mechanisms of Bone Formation</i>                                                                                 |                                       |                                 |
| <b>Weill Medical College of Cornell University</b>                                                                        | PC                                    | 70,000.00                       |
| Dr. Matthew Blake Greenblatt, M.D., Ph.D.                                                                                 |                                       | 38607                           |
| New York, NY                                                                                                              |                                       | 3/15/2016                       |
| <i>Novel Mechanisms of Bone Formation</i>                                                                                 |                                       |                                 |
| <b>Weill Medical College of Cornell University</b>                                                                        | PC                                    | 70,000.00                       |
| Dr. Dan Avi Landau, M.D., Ph.D.                                                                                           |                                       | 37959                           |
| New York, NY                                                                                                              |                                       | 11/12/2015                      |
| <i>Genetic and Epigenetic Determinants of Chronic Lymphocytic Leukemia Evolution</i>                                      |                                       |                                 |
| <b>Weill Medical College of Cornell University</b>                                                                        | PC                                    | 70,000.00                       |
| Dr. Dan Avi Landau, M.D., Ph.D.                                                                                           |                                       | 38602                           |
| New York, NY                                                                                                              |                                       | 3/15/2016                       |
| <i>Genetic and Epigenetic Determinants of Chronic Lymphocytic Leukemia Evolution</i>                                      |                                       |                                 |
| <b>Children's Hospital Boston</b>                                                                                         | PC                                    | 70,000.00                       |
| Dr. Daniel Evan Bauer, M.D., Ph.D.                                                                                        |                                       | 37622                           |
| Boston, MA                                                                                                                |                                       | 9/15/2015                       |
| <i>Functional Characterization of Trait-Associated Enhancers</i>                                                          |                                       |                                 |
| <b>CHU Sainte-Justine</b>                                                                                                 | PC                                    | 70,000.00                       |
| Dr. Jean-Sebastien Joyal, M.D., Ph.D.                                                                                     |                                       | 37581                           |
| Montreal, QC                                                                                                              |                                       | 9/15/2015                       |
| Canada                                                                                                                    |                                       |                                 |
| <i>Joyal, Jean Sebastien - Neuronal Energy Metabolism Drives Angiogenesis</i>                                             |                                       |                                 |
| <b>Career Awards in the Medical Sciences</b>                                                                              |                                       |                                 |

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| <b>Harvard Medical School</b><br>Dr. Benjamin Elison Gewurz, M.D., Ph.D.<br>Boston, MA                                                       | PC                                    | 75,625.00<br>38310    | 1/15/2016        |
| <i>Gewurz, Benjamin -- Identification of novel NFkB pathway components important for lymphomagenesis</i>                                     |                                       |                       |                  |
| <b>Harvard Medical School</b><br>Dr. Daniel Evan Bauer, M.D., Ph.D.<br>Boston, MA                                                            | PC                                    | 70,000.00<br>38603    | 3/15/2016        |
| <i>Functional Characterization of Trait-Associated Enhancers</i>                                                                             |                                       |                       |                  |
| <b>Harvard Medical School</b><br>Dr. Benjamin Elison Gewurz, M.D., Ph.D.<br>Boston, MA                                                       | PC                                    | 75,625.00<br>38587    | 3/15/2016        |
| <i>Gewurz, Benjamin -- Identification of novel NFkB pathway components important for lymphomagenesis</i>                                     |                                       |                       |                  |
| <b>Harvard Medical School</b><br>Dr. Daniel Evan Bauer, M.D., Ph.D.<br>Boston, MA                                                            | PC                                    | 70,000.00<br>39187    | 6/15/2016        |
| <i>Functional Characterization of Trait-Associated Enhancers</i>                                                                             |                                       |                       |                  |
| <b>Harvard Medical School</b><br>Dr. Daniel Evan Bauer, M.D., Ph.D.<br>Boston, MA                                                            | PC                                    | 70,000.00<br>39188    | 6/15/2016        |
| <i>Functional Characterization of Trait-Associated Enhancers</i>                                                                             |                                       |                       |                  |
| <b>Fred Hutchinson Cancer Research Center</b><br>Dr. Andrew Caleb Hsieh, M.D.<br>Seattle, WA                                                 | PC                                    | 75,625.00<br>38593    | 3/15/2016        |
| <i>Hsieh, Andrew -- Elucidating the role of aberrant translational control on prostate cancer invasion and metastasis</i>                    |                                       |                       |                  |
| <b>Career Awards in the Medical Sciences</b><br><b>Fred Hutchinson Cancer Research Center</b><br>Dr. Andrew Caleb Hsieh, M.D.<br>Seattle, WA | PC                                    | 75,625.00<br>37580    | 9/15/2015        |
| <i>Hsieh, Andrew -- Elucidating the role of aberrant translational control on prostate cancer invasion and metastasis</i>                    |                                       |                       |                  |
| <b>Massachusetts General Hospital</b><br>Dr. Miguel Nicolas Rivera, M.D.<br>Boston, MA                                                       | PC                                    | 75,625.00<br>38302    | 1/15/2016        |

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| <i>Characterization of a novel X-linked tumor suppressor, WTX, in pediatric cancer</i><br><b>Massachusetts General Hospital</b><br>Dr Miguel Nicolas Rivera, M.D.<br>Boston, MA | PC                                    | 75,625.00<br>37564<br>9/15/2015 |
| <i>Characterization of a novel X-linked tumor suppressor, WTX, in pediatric cancer</i><br><b>Massachusetts General Hospital</b><br>Dr Miguel Nicolas Rivera, M.D.<br>Boston, MA | PC                                    | 75,625.00<br>38576<br>3/15/2016 |
| <i>Characterization of a novel X-linked tumor suppressor, WTX, in pediatric cancer</i>                                                                                          |                                       |                                 |
| <b>Trustees of the University of Pennsylvania</b><br>Dr. Jay F. Dorsey, M.D., Ph.D.<br>Philadelphia, PA                                                                         | PC                                    | 75,625.00<br>37561<br>9/15/2015 |
| <i>Identification of mSin3b and Mad4 as novel p53 target genes directing p53-mediated transcriptional repression</i>                                                            |                                       |                                 |
| <b>Trustees of the University of Pennsylvania</b><br>Dr. Alice Siau-In Chen-Plotkin, M.D.<br>Philadelphia, PA                                                                   | PC                                    | 85,000.00<br>38575<br>3/15/2016 |
| <i>Genomic approaches to frontotemporal dementia</i>                                                                                                                            |                                       |                                 |
| <b>Career Awards in the Medical Sciences</b>                                                                                                                                    |                                       |                                 |
| <b>Trustees of the University of Pennsylvania</b><br>Dr. Rajan Jain, M.D.<br>Philadelphia, PA                                                                                   | PC                                    | 70,000.00<br>38610<br>3/15/2016 |
| <i>Nuclear lamina-chromatin interactions are drivers of cardiac progenitor cell commitment</i>                                                                                  |                                       |                                 |
| <b>Trustees of the University of Pennsylvania</b><br>Dr. Matthew Stern Kayser, M.D., Ph.D.<br>Philadelphia, PA                                                                  | PC                                    | 70,000.00<br>37627<br>9/15/2015 |
| <i>A role for sleep in synapse development and susceptibility to neuropsychiatric disorders</i>                                                                                 |                                       |                                 |
| <b>Trustees of the University of Pennsylvania</b><br>Dr. Ethan Michael Goldberg, M.D., Ph.D.<br>Philadelphia, PA                                                                | PC                                    | 75,625.00<br>38597<br>3/15/2016 |
| <i>Goldberg, Ethan -- Analysis of circuit function informs novel therapeutic interventions in an epilepsy model</i>                                                             |                                       |                                 |
| <b>Trustees of the University of Pennsylvania</b><br>Dr. Malay Halder, M.D., Ph.D.<br>Philadelphia, PA                                                                          | PC                                    | 70,000.00<br>37603<br>9/15/2015 |

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| <i>Halдар, Malay -- Transcription factor SPI-C at the interface of iron homeostasis and innate immunity.</i>                                                                                                           |                                                      |                                  |
| <b>Trustees of the University of Pennsylvania</b><br>Dr. Ethan Michael Goldberg, M.D., Ph.D.<br>Philadelphia, PA                                                                                                       | PC                                                   | 75,625.00<br>38829<br>4/14/2016  |
| <i>Goldberg, Ethan -- Analysis of circuit function informs novel therapeutic interventions in an epilepsy model</i>                                                                                                    |                                                      |                                  |
| <b>President and Fellows of Harvard College</b><br>Dr. Shadmehr Demehri, M.D., Ph.D.<br>Boston, MA<br><i>Local and Systemic Effects of TSLP on Cancer</i>                                                              | PC                                                   | 70,000.00<br>37786<br>10/15/2015 |
| <b>Career Awards in the Medical Sciences</b><br><b>President and Fellows of Harvard College</b><br>Dr. Shadmehr Demehri, M.D., Ph.D.<br>Boston, MA<br><i>Local and Systemic Effects of TSLP on Cancer</i>              | PC                                                   | 70,000.00<br>38604<br>3/15/2016  |
| <b>President and Fellows of Harvard College</b><br>Dr. Joseph Douglas Mancias, M.D., Ph.D.<br>Boston, MA<br><i>Role of ferritinophagy in iron metabolism and pancreatic cancer</i>                                     | PC                                                   | 70,000.00<br>39364<br>7/14/2016  |
| <b>Trustees of the University of Pennsylvania</b><br>Dr. Matthew Stern Kayser, M.D., Ph.D.<br>Philadelphia, PA<br><i>A role for sleep in synapse development and susceptibility to neuropsychiatric disorders</i>      | PC                                                   | 70,000.00<br>38611<br>3/15/2016  |
| <b>Trustees of the University of Pennsylvania</b><br>Dr. Malay Halдар, M.D., Ph.D.<br>Philadelphia, PA<br><i>Halдар, Malay -- Transcription factor SPI-C at the interface of iron homeostasis and innate immunity.</i> | PC                                                   | 70,000.00<br>39185<br>6/15/2016  |
| <b>President and Fellows of Harvard College</b><br>Dr. Wendy Sarah Garrett, M.D., Ph.D.<br>Boston, MA<br><i>Novel effectors and regulators of inflammation, chronic infection, and carcinogenesis in the colon</i>     | PC                                                   | 85,000.00<br>38301<br>1/15/2016  |
| <b>President and Fellows of Harvard College</b><br>Dr. Wendy Sarah Garrett, M.D., Ph.D.<br>Boston, MA                                                                                                                  | PC                                                   | 85,000.00<br>38574<br>3/15/2016  |

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| <i>Novel effectors and regulators of inflammation, chronic infection, and carcinogenesis in the colon</i>                       |                                       |                                  |
| <b>Career Awards in the Medical Sciences</b>                                                                                    |                                       |                                  |
| <b>President and Fellows of Harvard College</b>                                                                                 |                                       |                                  |
| Dr. Sandeep Robert Datta, M.D., Ph.D.<br>Boston, MA                                                                             | PC                                    | 75,625.00<br>37566<br>9/15/2015  |
| <i>Characterization of neural circuits that drive innate behaviors</i>                                                          |                                       |                                  |
| <b>University of Tennessee-Memphis</b>                                                                                          |                                       |                                  |
| Dr. Jeffery M Kico, M.D., Ph.D.<br>Memphis, TN                                                                                  | PC                                    | 70,000.00<br>37605<br>9/15/2015  |
| <i>Kico, Jeffery--Role of notch signaling in the bone marrow stroma</i>                                                         |                                       |                                  |
| <b>Duke University</b>                                                                                                          |                                       |                                  |
| Dr. Scott Richard Floyd, M.D., Ph.D.<br>Durham, NC                                                                              | PC                                    | 75,000.00<br>37753<br>10/15/2015 |
| <i>Floyd, Scott -- Insulating chromatin from DNA damage signaling: epigenetic modifications and connections to human cancer</i> |                                       |                                  |
| <b>Duke University</b>                                                                                                          |                                       |                                  |
| Dr. Christina Eleanor Barkauskas, M.D.<br>Durham, NC                                                                            | PC                                    | 75,625.00<br>38828<br>4/14/2016  |
| <i>Barkauskas, Christina -- Epithelial-mesenchymal crosstalk in lung fibrosis and alveolar homeostasis</i>                      |                                       |                                  |
| <b>Duke University</b>                                                                                                          |                                       |                                  |
| Dr. Sudarshan Rajagopal, M.D., Ph.D.<br>Durham, NC                                                                              | PC                                    | 47,500.00<br>37602<br>9/15/2015  |
| <i>Rajagopal, Sudarshan -- Dissecting receptor Signaling pathways in pulmonary hypertension</i>                                 |                                       |                                  |
| <b>Duke University</b>                                                                                                          |                                       |                                  |
| Dr. Sudarshan Rajagopal, M.D., Ph.D.<br>Durham, NC                                                                              | PC                                    | 47,500.00<br>38598<br>3/15/2016  |
| <i>Rajagopal, Sudarshan -- Dissecting receptor Signaling pathways in pulmonary hypertension</i>                                 |                                       |                                  |
| <b>Career Awards in the Medical Sciences</b>                                                                                    |                                       |                                  |
| <b>Duke University</b>                                                                                                          |                                       |                                  |
| Dr. Scott Richard Floyd, M.D., Ph.D.<br>Durham, NC                                                                              | PC                                    | 75,000.00<br>38586<br>3/15/2016  |
| <i>Floyd, Scott -- Insulating chromatin from DNA damage signaling: epigenetic modifications and connections to human cancer</i> |                                       |                                  |

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| <b>Regents of the University of Michigan</b><br>Dr. Jason Knight, M.D., Ph.D.<br>Ann Arbor, MI                                    | PC                                    | 70,000.00<br>38600<br>3/15/2016  |
| <i>Knight, Jason -- Innate immunity in the pathogenesis of lupus and antiphospholipid vasculopathy</i>                            |                                       |                                  |
| <b>Regents of the University of Michigan</b><br>Dr. Jason Knight, M.D., Ph.D.<br>Ann Arbor, MI                                    | PC                                    | 70,000.00<br>37606<br>9/15/2015  |
| <i>Knight, Jason -- Innate immunity in the pathogenesis of lupus and antiphospholipid vasculopathy</i>                            |                                       |                                  |
| <b>University of Pittsburgh</b><br>Dr. Susanne Elizabeth Ahmari, M.D., Ph.D.<br>Pittsburgh, PA                                    | PC                                    | 70,000.00<br>37577<br>9/15/2015  |
| <i>Ahmari, Susanne -- Testing the Role of Cortico-Striatal Circuits in Obsessive Compulsive Disorder Pathology and Treatment.</i> |                                       |                                  |
| <b>Career Awards in the Medical Sciences</b>                                                                                      |                                       |                                  |
| <b>Dana Farber Cancer Institute</b><br>Dr. James Elliott Bradner, M.D.<br>Boston, MA                                              | PC                                    | 75,625.00<br>38299<br>1/15/2016  |
| <i>Design and characterization of highly potent inhibitors of HDAC6</i>                                                           |                                       |                                  |
| <b>Dana Farber Cancer Institute</b><br>Dr. James Elliott Bradner, M.D.<br>Boston, MA                                              | PC                                    | 75,625.00<br>37562<br>9/15/2015  |
| <i>Design and characterization of highly potent inhibitors of HDAC6</i>                                                           |                                       |                                  |
| <b>Dana Farber Cancer Institute</b><br>Dr. James Elliott Bradner, M.D.<br>Boston, MA                                              | PC                                    | 75,625.00<br>38146<br>12/15/2015 |
| <i>Design and characterization of highly potent inhibitors of HDAC6</i>                                                           |                                       |                                  |
| <b>General Hospital Corporation d/b/a Massachusetts General Hospital</b><br>Dr. David Tsai Ting, M.D.<br>Boston, MA               | PC                                    | 70,000.00<br>38590<br>3/15/2016  |
| <i>Ting, David - Characterization of non-coding RNAs in pancreatic adenocarcinoma</i>                                             |                                       |                                  |
| <b>General Hospital Corporation d/b/a Massachusetts General Hospital</b><br>Dr. David Tsai Ting, M.D.<br>Boston, MA               | PC                                    | 70,000.00<br>37575<br>9/15/2015  |
| <i>Ting, David - Characterization of non-coding RNAs in pancreatic adenocarcinoma</i>                                             |                                       |                                  |

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| <b>Washington University</b><br>Dr Stacey Lynn Rentschler, M.D., Ph.D.<br>Saint Louis, MO<br><i>Rentschler, Stacey -- The role of notch signaling in preexcitation and arrhythmias</i>  | PC                                    | 75,625.00<br>38582    | 3/15/2016        |
| <b>Career Awards in the Medical Sciences</b>                                                                                                                                            |                                       |                       |                  |
| <b>Washington University</b><br>Dr. Brian Todd Edelson, M.D., Ph.D.<br>Saint Louis, MO<br><i>Macrophage and dendritic cell development</i>                                              | PC                                    | 75,625.00<br>38572    | 3/15/2016        |
| <b>Washington University</b><br>Dr. Brian Todd Edelson, M.D., Ph.D.<br>Saint Louis, MO<br><i>Macrophage and dendritic cell development</i>                                              | PC                                    | 31,250.00<br>38300    | 1/15/2016        |
| <b>Washington University</b><br>Dr. Stacey Lynn Rentschler, M.D., Ph.D.<br>Saint Louis, MO<br><i>Rentschler, Stacey -- The role of notch signaling in preexcitation and arrhythmias</i> | PC                                    | 75,625.00<br>37569    | 9/15/2015        |
| <b>Washington University</b><br>Dr. Jennifer M Alexander-Brett, M.D., Ph.D.<br>Saint Louis, MO<br><i>Targeting the Regulatory Mechanism of the Nucleokine IL-33</i>                     | PC                                    | 47,500.00<br>37621    | 9/15/2015        |
| <b>Washington University</b><br>Dr. Jennifer M Alexander-Brett, M.D., Ph.D.<br>Saint Louis, MO<br><i>Targeting the Regulatory Mechanism of the Nucleokine IL-33</i>                     | PC                                    | 47,500.00<br>38601    | 3/15/2016        |
| <b>Washington University</b><br>Dr. Kory Joshua Lavine, M.D., Ph.D.<br>Saint Louis, MO<br><i>Distinct Macrophage Lineages Govern Cardiac Recovery and Heart Failure Progression</i>     | PC                                    | 70,000.00<br>37787    | 10/15/2015       |
| <b>Career Awards in the Medical Sciences</b>                                                                                                                                            |                                       |                       |                  |
| <b>Washington University</b><br>Dr. Kory Joshua Lavine, M.D., Ph.D.<br>Saint Louis, MO<br><i>Distinct Macrophage Lineages Govern Cardiac Recovery and Heart Failure Progression</i>     | PC                                    | 70,000.00<br>38609    | 3/15/2016        |
| <b>University of Cincinnati</b><br>Dr. Theresa Alenghat, D.V.M., Ph.D.<br>Cincinnati, OH                                                                                                | PC                                    | 70,000.00<br>37599    | 9/15/2015        |

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| <i>Alenghat, Theresa - Epigenomic regulation of the host-commensal relationship</i>                        |                                       |                                 |
| <b>Regents of the University of California</b>                                                             |                                       |                                 |
| Dr. Michael D. Rosenblum, M.D., Ph.D                                                                       | PC                                    | 70,000.00                       |
| CA                                                                                                         |                                       | 37573                           |
| <i>Rosenblum, Michael -- Memory regulatory T cells in inflammatory and autoimmune disease</i>              |                                       | 9/15/2015                       |
| <b>Regents of the University of California</b>                                                             |                                       |                                 |
| Dr. Michael D. Rosenblum, M.D., Ph.D                                                                       | PC                                    | 70,000.00                       |
| CA                                                                                                         |                                       | 38151                           |
| <i>Rosenblum, Michael -- Memory regulatory T cells in inflammatory and autoimmune disease</i>              |                                       | 12/15/2015                      |
| <b>Regents of the University of California</b>                                                             |                                       |                                 |
| Dr. Michael D. Rosenblum, M.D., Ph.D                                                                       | PC                                    | 70,000.00                       |
| CA                                                                                                         |                                       | 38588                           |
| <i>Rosenblum, Michael -- Memory regulatory T cells in inflammatory and autoimmune disease</i>              |                                       | 3/15/2016                       |
| <b>University of North Carolina-Chapel Hill School of Medicine</b>                                         |                                       |                                 |
| Dr. Gaorav P Gupta, M.D., Ph.D.                                                                            | PC                                    | 70,000.00                       |
| Chapel Hill, NC                                                                                            |                                       | 37579                           |
| <i>Gupta, Gaorav -- DNA Damage Responses in Breast Cancer Pathogenesis</i>                                 |                                       | 9/15/2015                       |
| <b>Career Awards in the Medical Sciences</b>                                                               |                                       |                                 |
| <b>University of North Carolina-Chapel Hill School of Medicine</b>                                         |                                       |                                 |
| Dr. Gaorav P Gupta, M.D., Ph.D                                                                             | PC                                    | 70,000.00                       |
| Chapel Hill, NC                                                                                            |                                       | 38592                           |
| <i>Gupta, Gaorav -- DNA Damage Responses in Breast Cancer Pathogenesis</i>                                 |                                       | 3/15/2016                       |
| <b>University of Washington</b>                                                                            |                                       |                                 |
| Dr. Kevin Jon Cheung, M.D                                                                                  | GOV                                   | 70,000.00                       |
| Seattle, WA                                                                                                |                                       | 39351                           |
| <i>Cheung, Kevin -- Elucidating the role of K14+ leader cells in breast cancer invasion and metastasis</i> |                                       | 7/14/2016                       |
| <b>Massachusetts Institute of Technology</b>                                                               |                                       |                                 |
| Dr. Bluma J. Lesch, M.D., Ph.D.                                                                            | PC                                    | 47,500.00                       |
| Cambridge, MA                                                                                              |                                       | 37626                           |
| <i>Evolutionary and functional characterization of poised chromatin in the mammalian germ line</i>         |                                       | 9/15/2015                       |
| <b>Massachusetts Institute of Technology</b>                                                               |                                       |                                 |
| Dr. Bluma J. Lesch, M.D., Ph.D                                                                             | PC                                    | 47,500.00                       |
| Cambridge, MA                                                                                              |                                       | 38608                           |
|                                                                                                            |                                       | 3/15/2016                       |

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| <i>Evolutionary and functional characterization of poised chromatin in the mammalian germ line</i>                                      |                                       |                                 |
| <b>University of Washington</b><br>Dr. Heather Christy Mefford, M.D., Ph.D.<br>Seattle, WA                                              | GOV                                   | 70,000.00<br>38573<br>3/15/2016 |
| <i>Novel genomic rearrangements in developmental pediatric disorders</i>                                                                |                                       |                                 |
| <b>Stanford University</b><br>Dr. Ravindra Majeti, M.D., Ph.D.<br>CA                                                                    | PC                                    | 47,500.00<br>38577<br>3/15/2016 |
| <i>Identification and targeting of human acute myeloid leukemia stem cell-specific cell surface molecules</i>                           |                                       |                                 |
| <b>Career Awards in the Medical Sciences</b>                                                                                            |                                       |                                 |
| <b>Stanford University</b><br>Dr. Ravindra Majeti, M.D., Ph.D.<br>CA                                                                    | PC                                    | 75,625.00<br>37565<br>9/15/2015 |
| <i>Identification and targeting of human acute myeloid leukemia stem cell-specific cell surface molecules</i>                           |                                       |                                 |
| <b>Stanford University</b><br>Dr. Kevin Chun-Kai Wang, M.D., Ph.D.<br>CA                                                                | PC                                    | 75,625.00<br>38305<br>1/15/2016 |
| <i>Wang, Kevin -- Mechanisms of transcriptional regulation by long noncoding RNAs in partnership with chromatin modifying complexes</i> |                                       |                                 |
| <b>Stanford University</b><br>Dr. Kevin Chun-Kai Wang, M.D., Ph.D.<br>CA                                                                | PC                                    | 75,625.00<br>37571<br>9/15/2015 |
| <i>Wang, Kevin -- Mechanisms of transcriptional regulation by long noncoding RNAs in partnership with chromatin modifying complexes</i> |                                       |                                 |
| <b>Vanderbilt University</b><br>Dr. James Edward Cassat, M.D., Ph.D.<br>Nashville, TN                                                   | PC                                    | 70,000.00<br>37600<br>9/15/2015 |
| <i>Cassat, James - The contribution of host and pathogen to altered bone homeostasis and bacterial survival during osteomyelitis</i>    |                                       |                                 |
| <b>Vanderbilt University</b><br>Dr. James Edward Cassat, M.D., Ph.D.<br>Nashville, TN                                                   | PC                                    | 70,000.00<br>38596<br>3/15/2016 |
| <i>Cassat, James - The contribution of host and pathogen to altered bone homeostasis and bacterial survival during osteomyelitis</i>    |                                       |                                 |
| <b>Career Awards in the Medical Sciences</b>                                                                                            |                                       |                                 |

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| <b>Massachusetts Institute of Technology</b><br>Dr. Matthew George Vander Heiden, M.D., Ph.D.<br>Cambridge, MA<br><i>Metabolic control of cancer cell proliferation by pyruvate kinase M2</i>                                                                       | PC                             | 70,000.00<br>37567 | 9/15/2015 |
| <b>Massachusetts Institute of Technology</b><br>Dr. Matthew George Vander Heiden, M.D., Ph.D.<br>Cambridge, MA<br><i>Metabolic control of cancer cell proliferation by pyruvate kinase M2</i>                                                                       | PC                             | 70,000.00<br>39182 | 6/15/2016 |
| <b>Massachusetts Institute of Technology</b><br>Dr. Matthew George Vander Heiden, M.D., Ph.D.<br>Cambridge, MA<br><i>Metabolic control of cancer cell proliferation by pyruvate kinase M2</i>                                                                       | PC                             | 70,000.00<br>38579 | 3/15/2016 |
| <b>Massachusetts Institute of Technology</b><br>Dr. Matthew George Vander Heiden, M.D., Ph.D.<br>Cambridge, MA<br><i>Metabolic control of cancer cell proliferation by pyruvate kinase M2</i>                                                                       | PC                             | 70,000.00<br>38303 | 1/15/2016 |
| <b>Emory University</b><br>Dr. Sean Robinson Stowell, M.D., Ph.D.<br>Atlanta, GA<br><i>Stowell, Sean -- Elucidating mechanisms of innate immunity against molecular mimicry</i>                                                                                     | PC                             | 70,000.00<br>37604 | 9/15/2015 |
| <b>Emory University</b><br>Dr. Anita Katherine McElroy, M.D., Ph.D.<br>Atlanta, GA<br><i>McElroy, Anita - Defining the roles of CD4+ T cells in generating a protective immune response against Rift Valley fever virus</i>                                         | PC                             | 70,000.00<br>37601 | 9/15/2015 |
| <b>Career Awards in the Medical Sciences</b><br><b>Stanford University</b><br>Dr. Kevin Chun-Kai Wang, M.D., Ph.D.<br>CA<br><i>Wang, Kevin -- Mechanisms of transcriptional regulation by long noncoding RNAs in partnership with chromatin modifying complexes</i> | PC                             | 75,625.00<br>38584 | 3/15/2016 |
| <b>Career Guidance</b><br><b>Keck Graduate Institute</b><br>Dr. James D. Sterling, Ph.D.<br>CA<br><i>A Certificate in Bioscience Management for Life Scientists</i>                                                                                                 | PC                             | 49,889.00<br>39193 | 6/15/2016 |

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| <b>Association of University Technology Managers Foundation</b>                                                      | PC                                    | 45,900.00                       |
| Dr. Steve Susalka, Ph.D.                                                                                             |                                       | 39619                           |
| <i>The Technology Transfer Professional Training Program</i>                                                         |                                       | 8/15/2016                       |
| <b>Medical University of South Carolina</b>                                                                          | GOV                                   | 44,003.00                       |
| Dr. Cynthia F Wright, Ph.D.                                                                                          |                                       | 39617                           |
| Charleston, SC                                                                                                       |                                       | 8/15/2016                       |
| <i>Offering an Entrepreneurship Course to Trainees in the Biomedical Sciences</i>                                    |                                       |                                 |
| <b>Simmons College</b>                                                                                               | PC                                    | 43,477.00                       |
| Dr. Elizabeth Scott, Ph.D.                                                                                           |                                       | 39194                           |
| <i>STEM Teaching Institute. Preparing Postdoctoral Fellows for Faculty Careers in Undergraduate STEM Disciplines</i> |                                       | 6/15/2016                       |
| <b>Regents of the University of California</b>                                                                       | PC                                    | 49,589.00                       |
| Dr. Thi A Nguyen, Ph.D.                                                                                              |                                       | 39618                           |
| CA                                                                                                                   |                                       | 8/15/2016                       |
| <i>Interactive Simulation Exercises for Career Transitions (Inter-SECT)</i>                                          |                                       |                                 |
| <b>Career Guidance</b>                                                                                               |                                       |                                 |
| <b>Medical College of Wisconsin</b>                                                                                  | PC                                    | 49,341.00                       |
| Dr. Julie E. Tetzlaff, Ph.D.                                                                                         |                                       | 39616                           |
| Milwaukee, WI                                                                                                        |                                       | 8/15/2016                       |
| <i>Designing an educator pathway for postdocs employed at a medical and biomedical graduate school</i>               |                                       |                                 |
| <b>Clinical Scientist Award in Translational Research</b>                                                            |                                       |                                 |
| <b>Trustees of the University of Pennsylvania</b>                                                                    | PC                                    | 1,993.22                        |
| Robert O. Heuckeroth, M.D., Ph.D.                                                                                    |                                       | 38149                           |
| Philadelphia, PA                                                                                                     |                                       | 12/15/2015                      |
| <i>Genetic and non-genetic risk for Hirschsprung disease</i>                                                         |                                       |                                 |
| <b>Trustees of the University of Pennsylvania</b>                                                                    | PC                                    | 75,000.00                       |
| Robert O. Heuckeroth, M.D., Ph.D.                                                                                    |                                       | 37952                           |
| Philadelphia, PA                                                                                                     |                                       | 11/12/2015                      |
| <i>Genetic and non-genetic risk for Hirschsprung disease</i>                                                         |                                       |                                 |
| <b>Vanderbilt University School of Medicine</b>                                                                      | PC                                    | 37,500.00                       |
| Michael R. DeBaun, M.D.                                                                                              |                                       | 37743                           |
| Nashville, TN                                                                                                        |                                       | 10/15/2015                      |
| <i>Cysteinyl leukotriene receptor inhibitors: a target for decreasing sickle cell disease-related morbidity</i>      |                                       |                                 |

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| <b><u>Innovation in Regulatory Science Awards</u></b>                                                                                                        |                                       |                                 |
| <b>Duke University</b>                                                                                                                                       | PC                                    | 50,000.00                       |
| Erich S. Huang, M.D., Ph.D.<br>Durham, NC                                                                                                                    |                                       | 37629<br>9/15/2015              |
| <i>Provenance Laboratory for Auditable Regulatory Science (POLARIS): auditable antibiotic development with the clinical trials transformation initiative</i> |                                       |                                 |
| <b><u>Innovation in Regulatory Science Awards</u></b>                                                                                                        |                                       |                                 |
| <b>Duke University</b>                                                                                                                                       | PC                                    | 50,000.00                       |
| Erich S. Huang, M.D., Ph.D.<br>Durham, NC                                                                                                                    |                                       | 38854<br>4/14/2016              |
| <i>Provenance Laboratory for Auditable Regulatory Science (POLARIS): auditable antibiotic development with the clinical trials transformation initiative</i> |                                       |                                 |
| <b>Dana Farber Cancer Institute</b>                                                                                                                          | PC                                    | 50,000.00                       |
| Brian M. Alexander, M.D.<br>Boston, MA                                                                                                                       |                                       | 37781<br>10/15/2015             |
| <i>Development of a Biomarker Enriched Adaptive Trial for Patients with Glioblastoma</i>                                                                     |                                       |                                 |
| <b>Dana Farber Cancer Institute</b>                                                                                                                          | PC                                    | 50,000.00                       |
| Brian M. Alexander, M.D.<br>Boston, MA                                                                                                                       |                                       | 38840<br>4/14/2016              |
| <i>Development of a Biomarker Enriched Adaptive Trial for Patients with Glioblastoma</i>                                                                     |                                       |                                 |
| <b>Brigham and Women's Hospital</b>                                                                                                                          | PC                                    | 50,000.00                       |
| Vishal S. Vaidya, Ph.D.<br>Boston, MA                                                                                                                        |                                       | 37766<br>10/15/2015             |
| <i>Vaidya, Vishal -- Mapping the biology of a damaged kidney cell</i>                                                                                        |                                       |                                 |
| <b>Brigham and Women's Hospital</b>                                                                                                                          | PC                                    | 50,000.00                       |
| Vishal S. Vaidya, Ph.D.<br>Boston, MA                                                                                                                        |                                       | 38824<br>4/14/2016              |
| <i>Vaidya, Vishal -- Mapping the biology of a damaged kidney cell</i>                                                                                        |                                       |                                 |
| <b>Duke University Medical Center</b>                                                                                                                        | PC                                    | 50,000.00                       |
| James Matthew Brennan, M.D.<br>Durham, NC                                                                                                                    |                                       | 37783<br>10/15/2015             |
| <i>Brennan, James Matthew -- Administrative Claims-based Efficiencies for the Advancement of Regulatory Sciences</i>                                         |                                       |                                 |

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| <b>Duke University Medical Center</b><br>James Matthew Brennan, M D<br>Durham, NC t<br><i>Brennan, James Matthew -- Administrative Claims-based Efficiencies for the Advancement of Regulatory Sciences</i>                                                                                                                      | PC                                    | 50,000.00<br>38842    | 4/14/2016        |
| <b>The Governing Council of the University of Toronto</b><br>Mary R. L'Abbe, Ph.D.<br>Toronto, ON<br><i>L'Abbe, Mary -- Evaluation of nutrient profiling methods for nutrition regulation</i>                                                                                                                                    | PC                                    | 50,000.00<br>37785    | 10/15/2015       |
| <b>The Governing Council of the University of Toronto</b><br>Mary R. L'Abbe, Ph.D.<br>Toronto, ON<br><i>L'Abbe, Mary -- Evaluation of nutrient profiling methods for nutrition regulation</i>                                                                                                                                    | PC                                    | 50,000.00<br>38844    | 4/14/2016        |
| <b>UC Regents of the University of California</b><br>Patrick Allard, Ph.D<br>Box 957089, 1125 Murphy Hall<br>405 Hilgard Avenue<br>Los Angeles, CA 90095-7089<br><i>Application of novel approaches towards germline toxicity assessment</i>                                                                                     | GOV                                   | 50,000.00<br>37788    | 10/15/2015       |
| <b>UC Regents of the University of California</b><br>Patrick Allard, Ph.D<br>Box 957089, 1125 Murphy Hall<br>405 Hilgard Avenue<br>Los Angeles, CA 90095-7089<br><i>Application of novel approaches towards germline toxicity assessment</i>                                                                                     | GOV                                   | 50,000.00<br>38858    | 4/14/2016        |
| <b>Innovation in Regulatory Science Awards</b><br><b>Brigham and Women's Hospital, Inc.</b><br>Calum Archibald MacRae, M B. Ch B., Ph D.<br>Boston, MA<br><i>MacRae, Calum -- Building structure-related prediction algorithms for organ-specific drug toxicity through iterative modeling in novel zebrafish reporter lines</i> | PC                                    | 50,000.00<br>37765    | 10/15/2015       |
| <b>Brigham and Women's Hospital, Inc.</b><br>Calum Archibald MacRae, M B. Ch B., Ph.D.<br>Boston, MA<br><i>MacRae, Calum -- Building structure-related prediction algorithms for organ-specific drug toxicity through iterative modeling in novel zebrafish reporter lines</i>                                                   | PC                                    | 50,000.00<br>38823    | 4/14/2016        |

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| <b>Regents of the University of California</b><br>Dr. Kathleen M Giacomini, Ph.D<br>CA<br><i>Giacomini, Kathleen -- Systems pharmacology approaches to understanding drug-induced weight gain</i>                                                                                                  | GOV                            | 50,000.00<br>37763<br>10/15/2015 |
| <b>Regents of the University of California</b><br>Dr. Kathleen M Giacomini, Ph.D<br>CA<br><i>Giacomini, Kathleen -- Systems pharmacology approaches to understanding drug-induced weight gain</i>                                                                                                  | GOV                            | 50,000.00<br>38821<br>4/14/2016  |
| <b>Board of Regents of the University of Wisconsin System</b><br>Mark E. Burkard, M.D., Ph.D.<br>Madison, WI<br><i>Burkard, Mark -- A chemical-genetic library of human cell lines for evaluating pharmacologic inhibition of protein kinases</i>                                                  | GOV                            | 50,000.00<br>37784<br>10/15/2015 |
| <b>Innovation in Regulatory Science Awards</b><br><b>Board of Regents of the University of Wisconsin System</b><br>Mark E. Burkard, M.D., Ph.D<br>Madison, WI<br><i>Burkard, Mark -- A chemical-genetic library of human cell lines for evaluating pharmacologic inhibition of protein kinases</i> | GOV                            | 50,000.00<br>38843<br>4/14/2016  |
| <b>Montana State University</b><br>Darla M Goeres, Ph.D<br>Bozeman, MT<br><i>Methods to assess biofilm prevention on medical devices</i>                                                                                                                                                           | GOV                            | 50,000.00<br>37628<br>9/15/2015  |
| <b>Montana State University</b><br>Darla M Goeres, Ph.D.<br>Bozeman, MT<br><i>Methods to assess biofilm prevention on medical devices</i>                                                                                                                                                          | GOV                            | 50,000.00<br>38853<br>4/14/2016  |
| <b>Vanderbilt University School of Medicine</b><br>Dr. Sara Lynn Van Driest, M.D., Ph.D.<br>Nashville, TN<br><i>Leveraging big data for small patents</i>                                                                                                                                          | PC                             | 50,000.00<br>37631<br>9/15/2015  |
| <b>Vanderbilt University School of Medicine</b><br>Dr. Sara Lynn Van Driest, M.D., Ph.D.                                                                                                                                                                                                           | PC                             | 50,000.00<br>38856               |

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| Nashville, TN                                                                                                               |                                |                | 4/14/2016  |
| <i>Leveraging big data for small patients</i>                                                                               |                                |                |            |
| <b>University of Arkansas for Medical Sciences</b>                                                                          | GOV                            | 50,000.00      |            |
| Alison Hege Harrill, Ph D.                                                                                                  |                                | 37764          |            |
| Little Rock, AR                                                                                                             |                                |                | 10/15/2015 |
| <i>Harrill, Alison -- Advancing regulatory science through translational pharmacogenomics</i>                               |                                |                |            |
| <b>Innovation in Regulatory Science Awards</b>                                                                              |                                |                |            |
| <b>University of Arkansas for Medical Sciences</b>                                                                          | GOV                            | 50,000.00      |            |
| Alison Hege Harrill, Ph D                                                                                                   |                                | 38822          |            |
| Little Rock, AR                                                                                                             |                                |                | 4/14/2016  |
| <i>Harrill, Alison -- Advancing regulatory science through translational pharmacogenomics</i>                               |                                |                |            |
| <b>University of Wisconsin-Madison</b>                                                                                      | GOV                            | 50,000.00      |            |
| Susan Webb Yackee, Ph.D.                                                                                                    |                                | 37767          |            |
| Madison, WI                                                                                                                 |                                |                | 10/15/2015 |
| <i>Yackee, Susan Webb -- When politics intrudes on science: regulatory policymaking at the FDA</i>                          |                                |                |            |
| <b>University of Wisconsin-Madison</b>                                                                                      | GOV                            | 50,000.00      |            |
| Susan Webb Yackee, Ph D.                                                                                                    |                                | 38825          |            |
| Madison, WI                                                                                                                 |                                |                | 4/14/2016  |
| <i>Yackee, Susan Webb -- When politics intrudes on science: regulatory policymaking at the FDA</i>                          |                                |                |            |
| <b>University of Wisconsin-Madison</b>                                                                                      | GOV                            | 50,000.00      |            |
| Randolph S Ashton, Ph.D.                                                                                                    |                                | 37782          |            |
| Madison, WI                                                                                                                 |                                |                | 10/15/2015 |
| <i>Organoid Microarrays for pan-Hindbrain and Spinal Cord Screening</i>                                                     |                                |                |            |
| <b>University of Wisconsin-Madison</b>                                                                                      | GOV                            | 50,000.00      |            |
| Randolph S Ashton, Ph.D                                                                                                     |                                | 38841          |            |
| Madison, WI                                                                                                                 |                                |                | 4/14/2016  |
| <i>Organoid Microarrays for pan-Hindbrain and Spinal Cord Screening</i>                                                     |                                |                |            |
| <b>University of British Columbia</b>                                                                                       | PC                             | 100,000.00     |            |
| Dana V. Devine, Ph D.                                                                                                       |                                | 37762          |            |
| Vancouver, BC                                                                                                               |                                |                | 10/15/2015 |
| Canada                                                                                                                      |                                |                |            |
| <i>Devine, Dana -- Refreshing the regulatory approach to ensuring the safety and efficacy of blood transfusion products</i> |                                |                |            |

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| <b><u>Innovation in Regulatory Science Awards</u></b>                                                                       |                                       |                       |                  |
| <b>University of British Columbia</b>                                                                                       | PC                                    | 50,000.00             |                  |
| Dana V. Devine, Ph.D.                                                                                                       |                                       | 38820                 |                  |
| Vancouver, BC                                                                                                               |                                       |                       | 4/14/2016        |
| Canada                                                                                                                      |                                       |                       |                  |
| <i>Devine, Dana -- Refreshing the regulatory approach to ensuring the safety and efficacy of blood transfusion products</i> |                                       |                       |                  |
| <b>California Institute of Technology</b>                                                                                   | PC                                    | 50,000.00             |                  |
| Rustem F. Ismagilov, Ph.D.                                                                                                  |                                       | 37630                 |                  |
| Pasadena, CA                                                                                                                |                                       |                       | 9/15/2015        |
| <i>A microfluidic diagnostic platform to advance regulatory science</i>                                                     |                                       |                       |                  |
| <b>California Institute of Technology</b>                                                                                   | PC                                    | 50,000.00             |                  |
| Rustem F. Ismagilov, Ph.D.                                                                                                  |                                       | 38855                 |                  |
| Pasadena, CA                                                                                                                |                                       |                       | 4/14/2016        |
| <i>A microfluidic diagnostic platform to advance regulatory science</i>                                                     |                                       |                       |                  |
| <b>Stanford University</b>                                                                                                  | PC                                    | 50,000.00             |                  |
| Dr. Joseph C. Wu, M.D., Ph.D.                                                                                               |                                       | 37632                 |                  |
| CA                                                                                                                          |                                       |                       | 9/15/2015        |
| <i>Accelerating drug discovery with iPS cells and small molecule screen</i>                                                 |                                       |                       |                  |
| <b>Stanford University</b>                                                                                                  | PC                                    | 50,000.00             |                  |
| Dr. Joseph C. Wu, M.D., Ph.D.                                                                                               |                                       | 38857                 |                  |
| CA                                                                                                                          |                                       |                       | 4/14/2016        |
| <i>Accelerating drug discovery with iPS cells and small molecule screen</i>                                                 |                                       |                       |                  |
| <b><u>Institutional Program Unifying Population and Laboratory-based Sciences</u></b>                                       |                                       |                       |                  |
| <b>Johns Hopkins University</b>                                                                                             | PC                                    | 268,787.00            |                  |
| Priya Duggal, Ph.D.                                                                                                         |                                       | 38316                 |                  |
| Baltimore, MD                                                                                                               |                                       |                       | 1/15/2016        |
| <i>MD-GEM The Maryland Genetic, Epidemiology, and Medicine Training Program</i>                                             |                                       |                       |                  |
| <b><u>Institutional Program Unifying Population and Laboratory-based Sciences</u></b>                                       |                                       |                       |                  |
| <b>Johns Hopkins University</b>                                                                                             | PC                                    | 268,786.00            |                  |
| Priya Duggal, Ph.D.                                                                                                         |                                       | 39339                 |                  |
| Baltimore, MD                                                                                                               |                                       |                       | 7/14/2016        |
| <i>MD-GEM. The Maryland Genetic, Epidemiology, and Medicine Training Program</i>                                            |                                       |                       |                  |
| <b>Washington University</b>                                                                                                | PC                                    | 125,527.00            |                  |
| Dr. Graham A. Colditz, M.D.                                                                                                 |                                       | 38837                 |                  |
| Saint Louis, MO                                                                                                             |                                       |                       | 4/14/2016        |
| <i>Transdisciplinary training in laboratory and population sciences at Washington University</i>                            |                                       |                       |                  |
| <b>Trustees of Boston University</b>                                                                                        | PC                                    | 223,017.00            |                  |

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| Dr Lindsay A Farrer, Ph D.<br>Boston, MA                                                          |                                       | 38317<br>1/15/2016                |
| <i>Boston University's Transformative Training Program in Addiction Science (TTPAS)</i>           |                                       |                                   |
| <b>Trustees of Boston University</b>                                                              |                                       |                                   |
| Dr Lindsay A Farrer, Ph D.<br>Boston, MA                                                          | PC                                    | 223,017.00<br>39340<br>7/14/2016  |
| <i>Boston University's Transformative Training Program in Addiction Science (TTPAS)</i>           |                                       |                                   |
| <b>Regents of the University of Michigan</b>                                                      |                                       |                                   |
| Dr. Betsy Foxman, Ph D.<br>Ann Arbor, MI                                                          | PC                                    | 150,000.00<br>39596<br>8/15/2016  |
| <i>PUP Trainees Meeting</i>                                                                       |                                       |                                   |
| <b>Regents of the University of Michigan</b>                                                      |                                       |                                   |
| Dr Betsy Foxman, Ph.D<br>Ann Arbor, MI                                                            | PC                                    | 249,999.00<br>38838<br>4/14/2016  |
| <i>Integrated training in epidemiology and microbiome sciences (ITEMS)</i>                        |                                       |                                   |
| <b>Institutional Program Unifying Population and Laboratory-based Sciences</b>                    |                                       |                                   |
| <b>Regents of the University of Michigan</b>                                                      |                                       |                                   |
| Dr Betsy Foxman, Ph.D.<br>Ann Arbor, MI                                                           | PC                                    | 349,989.00<br>37779<br>10/15/2015 |
| <i>Integrated training in epidemiology and microbiome sciences (ITEMS)</i>                        |                                       |                                   |
| <b>Albert Einstein College of Medicine, Inc.</b>                                                  |                                       |                                   |
| Dr. Paul R. Marantz, M.D., M.P.H.<br>NY                                                           | PC                                    | 187,500.00<br>38315<br>1/15/2016  |
| <i>Education Connecting Laboratory Investigation and Population Science at Einstein (eCLIPSE)</i> |                                       |                                   |
| <b>Albert Einstein College of Medicine of Yeshiva University</b>                                  |                                       |                                   |
| Dr Paul R. Marantz, M.D., M.P.H.<br>Bronx, NY                                                     | PC                                    | 187,500.00<br>37955<br>11/12/2015 |
| <i>Education Connecting Laboratory Investigation and Population Science at Einstein (eCLIPSE)</i> |                                       |                                   |
| <b>University of Rochester</b>                                                                    |                                       |                                   |
| Dr. Nancy M Bennett, M.D<br>Rochester, NY                                                         | GOV                                   | 192,897.00<br>37778<br>10/15/2015 |
| <i>Infection and immunity from molecules to populations</i>                                       |                                       |                                   |
| <b>University of Rochester</b>                                                                    |                                       |                                   |
| Dr. Nancy M Bennett, M.D                                                                          | GOV                                   | 276,242.00<br>38836               |

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| Rochester, NY                                                                                             |                                       | 4/14/2016                         |
| <i>Infection and immunity. from molecules to populations</i>                                              |                                       |                                   |
| <b>Trustees of Dartmouth College</b>                                                                      | PC                                    | 204,643.00<br>38839<br>4/14/2016  |
| Dr. Michael L. Whitfield, Ph.D.<br>Hanover, NH                                                            |                                       |                                   |
| <i>Big data in the life sciences training program</i>                                                     |                                       |                                   |
| <b>Institutional Program Unifying Population and Laboratory-based Sciences</b>                            |                                       |                                   |
| <b>Trustees of Dartmouth College</b>                                                                      | PC                                    | 130,657.00<br>37780<br>10/15/2015 |
| Dr. Michael L. Whitfield, Ph.D.<br>Hanover, NH                                                            |                                       |                                   |
| <i>Big data in the life sciences training program</i>                                                     |                                       |                                   |
| <b>Interfaces Short Courses</b>                                                                           |                                       |                                   |
| <b>Princeton University</b>                                                                               | PC                                    | 100,000.00<br>38961<br>5/12/2016  |
| Dr. David W. Tank, Ph.D.<br>Princeton, NJ                                                                 |                                       |                                   |
| <i>Neurotechnologies for Analysis of Neural Dynamics</i>                                                  |                                       |                                   |
| <b>Regents of the University of California</b>                                                            | PC                                    | 100,000.00<br>38585<br>3/15/2016  |
| Dr. Boris I. Shraiman, Ph.D.<br>CA                                                                        |                                       |                                   |
| <i>Santa Barbara Advanced School of Quantitative Biology</i>                                              |                                       |                                   |
| <b>Investigators in Pathogenesis of Infectious Disease</b>                                                |                                       |                                   |
| <b>Fred Hutchinson Cancer Research Center</b>                                                             | PC                                    | 50,000.00<br>38339<br>1/15/2016   |
| Dr. Jesse D. Bloom, Ph.D.<br>Seattle, WA                                                                  |                                       |                                   |
| <i>Understanding the stochasticity of viral infection at the level of single cells</i>                    |                                       |                                   |
| <b>Fred Hutchinson Cancer Research Center</b>                                                             | PC                                    | 50,000.00<br>39365<br>7/14/2016   |
| Dr. Jesse D. Bloom, Ph.D.<br>Seattle, WA                                                                  |                                       |                                   |
| <i>Understanding the stochasticity of viral infection at the level of single cells</i>                    |                                       |                                   |
| <b>Investigators in Pathogenesis of Infectious Disease</b>                                                |                                       |                                   |
| <b>Memorial Sloan-Kettering Cancer Center</b>                                                             | PC                                    | 50,000.00<br>38332<br>1/15/2016   |
| Dr. Tobias Martin Hohl, M.D., Ph.D.<br>Dept. of Medicine<br>Box 551, 1275 York Ave.<br>New York, NY 10065 |                                       |                                   |
| <i>Tracing innate control over respiratory and systemic fungal infection</i>                              |                                       |                                   |
| <b>Memorial Sloan-Kettering Cancer Center</b>                                                             | PC                                    | 50,000.00<br>39358                |
| Dr. Tobias Martin Hohl, M.D., Ph.D.                                                                       |                                       |                                   |

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| Dept. of Medicine<br>Box 551, 1275 York Ave<br>New York, NY 10065                                                                                 |                                      | 7/14/2016                        |
| <i>Tracing innate control over respiratory and systemic fungal infection</i>                                                                      |                                      |                                  |
| <b>Memorial Sloan-Kettering Cancer Center</b><br>Dr. Joseph C. Sun, Ph.D<br>Dept. of Medicine<br>Box 551, 1275 York Ave<br>New York, NY 10065     | PC                                   | 50,000.00<br>39380<br>7/14/2016  |
| <i>Natural killer cell control of cytomegalovirus infection</i>                                                                                   |                                      |                                  |
| <b>Board of Regents of the University of Wisconsin System</b><br>Dr. Helen E. Blackwell, Ph.D.<br>Madison, WI                                     | GOV                                  | 20,000.00<br>38145<br>12/15/2015 |
| <i>Interception of bacterial quorum sensing with synthetic ligands</i>                                                                            |                                      |                                  |
| <b>Weill Medical College of Cornell University</b><br>Dr. David Artis, Ph.D.<br>New York, NY                                                      | PC                                   | 50,000 00<br>38147<br>12/15/2015 |
| <i>Tracking helminth-specific immune responses in vivo</i>                                                                                        |                                      |                                  |
| <b><u>Investigators in Pathogenesis of Infectious Disease</u></b><br><b>University of Rochester</b><br>Dr. Felix Yarovinsky, M.D<br>Rochester, NY | GOV                                  | 50,000 00<br>38323<br>1/15/2016  |
| <i>TLR-independent host resistance to protozoan parasites</i>                                                                                     |                                      |                                  |
| <b>University of Rochester</b><br>Dr. Felix Yarovinsky, M.D<br>Rochester, NY                                                                      | GOV                                  | 50,000.00<br>39349<br>7/14/2016  |
| <i>TLR-independent host resistance to protozoan parasites</i>                                                                                     |                                      |                                  |
| <b>University of Chicago</b><br>Dr. Juliane Bubeck Wardenburg, M.D., Ph.D.<br>Chicago, IL                                                         | PC                                   | 50,000 00<br>39335<br>7/14/2016  |
| <i>Tuning of the host-bacterial interaction by a pore-forming toxin</i>                                                                           |                                      |                                  |
| <b>University of Chicago</b><br>Dr. Juliane Bubeck Wardenburg, M.D., Ph.D.<br>Chicago, IL                                                         | PC                                   | 50,000 00<br>38311<br>1/15/2016  |
| <i>Tuning of the host-bacterial interaction by a pore-forming toxin</i>                                                                           |                                      |                                  |
| <b>University of Alabama-Birmingham</b>                                                                                                           | GOV                                  | 50,000 00                        |

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| Dr. Adrie J.C. Steyn, Ph D.<br>Birmingham, AL<br><i>Carbon monoxide and &lt;%Mycobacterium tuberculosis%&gt; persistence</i><br><b>University of Massachusetts-Amherst</b><br>Dr. Li-Jun Ma, Ph.D<br>Amherst, MA                                                                                                                                  | GOV                                   | 50,000.00<br>39374                       | 39181<br>6/15/2016<br>7/14/2016 |
| <i>Supernumerary chromosomes and pathogenicity of opportunistic fungal infections</i><br><b>Investigators in Pathogenesis of Infectious Disease</b><br><b>University of Massachusetts-Amherst</b><br>Dr. Li-Jun Ma, Ph.D<br>Amherst, MA                                                                                                           | GOV                                   | 50,000.00<br>38348                       | 1/15/2016                       |
| <i>Supernumerary chromosomes and pathogenicity of opportunistic fungal infections</i><br><b>University of Utah</b><br>Dr. Nels C. Elde, Ph D.<br>Salt Lake City, UT<br><i>A new class of retrogenes modulating pathogenesis</i><br><b>Yale University</b>                                                                                         | GOV                                   | 50,000.00<br>39384                       | 7/14/2016                       |
| Dr. Andrew L Goodman, Ph D<br>New Haven, CT<br><i>Understanding pathogen-commensal interaction in the earliest stages of infection</i><br><b>Yale University</b>                                                                                                                                                                                  | PC                                    | 50,000.00<br>39369                       | 7/14/2016                       |
| Dr. Andrew L Goodman, Ph.D<br>New Haven, CT<br><i>Understanding pathogen-commensal interaction in the earliest stages of infection</i><br><b>Board of Trustees of the University of Illinois</b>                                                                                                                                                  | PC                                    | 50,000.00<br>38343                       | 1/15/2016                       |
| Dr. Michael J. Federle, Ph.D<br><i>Interspecies communication among commensal and pathogenic bacteria</i><br><b>Washington University School of Medicine</b><br>Dr. Erika L Pearce, Ph D<br>Saint Louis, MO<br><i>Cellular metabolism in immunity to infection</i>                                                                                | GOV                                   | 50,000.00<br>38324<br>20,830.42<br>38161 | 1/15/2016<br>12/15/2015         |
| <b>Investigators in Pathogenesis of Infectious Disease</b><br><b>University of Texas Southwestern Medical Center-Dallas</b><br>Dr. Nan Yan, D.Phil<br>Dallas, TX<br><i>STING activation at the nexus of microbial infection and host innate immunity</i><br><b>University of Texas Southwestern Medical Center-Dallas</b><br>Dr. Nan Yan, D.Phil. | GOV                                   | 50,000.00<br>38346                       | 1/15/2016                       |
|                                                                                                                                                                                                                                                                                                                                                   | GOV                                   | 50,000.00<br>39372                       |                                 |

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| Dallas, TX                                                                                              |                                       | 7/14/2016                       |
| <i>STING activation at the nexus of microbial infection and host innate immunity</i>                    |                                       |                                 |
| <b>Brown University</b>                                                                                 | PC                                    |                                 |
| Dr Richard J Bennett, Ph D.                                                                             |                                       | 25,000.00                       |
| Providence, RI                                                                                          |                                       | 38442                           |
| <i>Phenotypic variation and host adaptation by the human fungal pathogen &lt;%Candida albicans%&gt;</i> |                                       | 2/16/2016                       |
| <b>University of Maine</b>                                                                              | GOV                                   |                                 |
| Dr. Robert T. Wheeler, Ph.D.                                                                            |                                       | 50,000.00                       |
| Orono, ME                                                                                               |                                       | 38327                           |
| <i>Phagocytes block fungal dimorphism to defend the epithelial barrier</i>                              |                                       | 1/15/2016                       |
| <b>University of Maine</b>                                                                              | GOV                                   |                                 |
| Dr. Robert T. Wheeler, Ph.D.                                                                            |                                       | 50,000.00                       |
| Orono, ME                                                                                               |                                       | 39352                           |
| <i>Phagocytes block fungal dimorphism to defend the epithelial barrier</i>                              |                                       | 7/14/2016                       |
| <b>University of Pittsburgh School of Medicine</b>                                                      | GOV                                   |                                 |
| Dr. Carolyn B. Coyne, Ph.D.                                                                             |                                       | 25,000.00                       |
| Pittsburgh, PA                                                                                          |                                       | 39184                           |
| <i>The actin cytoskeleton and antiviral innate immune signaling (collaboration grant)</i>               |                                       | 6/15/2016                       |
| <b>Investigators in Pathogenesis of Infectious Disease</b>                                              |                                       |                                 |
| <b>Rutgers University-Rutgers Biomedical and Health Sciences-New Jersey Medical School</b>              | GOV                                   |                                 |
| Dr. Amariliz Rivera, Ph D.                                                                              |                                       | 50,000.00                       |
| NJ                                                                                                      |                                       | 39387                           |
| <i>Mechanisms of bidirectional innate cell licensing in antifungal immunity</i>                         |                                       | 7/14/2016                       |
| <b>Trustees of the University of Pennsylvania</b>                                                       | PC                                    |                                 |
| Dr. Igor E. Brodsky, Ph D.                                                                              |                                       | 50,000.00                       |
| Philadelphia, PA                                                                                        |                                       | 38340                           |
| <i>The role of chemokine-chemokine receptor interactions in anti-bacterial protective immunity</i>      |                                       | 1/15/2016                       |
| <b>Trustees of the University of Pennsylvania</b>                                                       | PC                                    |                                 |
| Dr. Igor E. Brodsky, Ph D.                                                                              |                                       | 50,000.00                       |
| Philadelphia, PA                                                                                        |                                       | 39366                           |
| <i>The role of chemokine-chemokine receptor interactions in anti-bacterial protective immunity</i>      |                                       | 7/14/2016                       |
| <b>Trustees of the University of Pennsylvania</b>                                                       | PC                                    |                                 |
| Dr. Rahul M. Kohli, M.D., Ph.D.                                                                         |                                       | 50,000.00                       |
| Philadelphia, PA                                                                                        |                                       | 38347                           |
| <i>Tuning evolution and antibiotic resistance by modulating the SOS pathway</i>                         |                                       | 1/15/2016                       |
| <b>Trustees of the University of Pennsylvania</b>                                                       | PC                                    |                                 |
|                                                                                                         |                                       | 50,000.00                       |

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| Dr. Rahul M Kohli, M.D., Ph.D.<br>Philadelphia, PA<br><i>Tuning evolution and antibiotic resistance by modulating the SOS pathway</i>                                                                                                   |                                       | 39373<br>7/14/2016              |
| <b>Trustees of the University of Pennsylvania</b><br>Dr De'Broski R Herbert, Ph D<br>Philadelphia, PA<br><i>Trefol factor proteins modulate host immunity against hookworms</i>                                                         | PC                                    | 50,000.00<br>38830<br>4/14/2016 |
| <b>Investigators in Pathogenesis of Infectious Disease</b><br><b>Trustees of the University of Pennsylvania</b><br>Dr. Sara R. Cherry, Ph D<br>Philadelphia, PA<br><i>Systems biology of Alphavirus infection (collaboration grant)</i> | PC                                    | 25,000.00<br>39183<br>6/15/2016 |
| <b>Trustees of the University of Pennsylvania</b><br>Dr. Scott E Hensley, Ph.D<br>Philadelphia, PA<br><i>Effect of maternal antibodies on the neonatal immune response to influenza virus</i>                                           | PC                                    | 50,000.00<br>39382<br>7/14/2016 |
| <b>Trustees of the University of Pennsylvania</b><br>Dr Sunny Shin, Ph.D.<br>Philadelphia, PA<br><i>Overcoming pathogen-mediated translation inhibition to enable robust immune defense</i>                                             | PC                                    | 50,000.00<br>39388<br>7/14/2016 |
| <b>President and Fellows of Harvard College</b><br>Dr Min Dong, Ph D.<br>Boston, MA<br><i>Host factors conferring susceptibility to Clostridium difficile toxins</i>                                                                    | PC                                    | 50,000.00<br>39383<br>7/14/2016 |
| <b>President and Fellows of Harvard College</b><br>Dr. Sun Hur, Ph.D<br>Boston, MA<br><i>Mechanism for dsRNA-dependent and -independent activation of the antiviral gene, PKR</i>                                                       | PC                                    | 50,000.00<br>38345<br>1/15/2016 |
| <b>President and Fellows of Harvard College</b><br>Dr. Sun Hur, Ph.D.<br>Boston, MA<br><i>Mechanism for dsRNA-dependent and -independent activation of the antiviral gene, PKR</i>                                                      | PC                                    | 50,000.00<br>39371<br>7/14/2016 |

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| <b><u>Investigators in Pathogenesis of Infectious Disease</u></b>                                                                                                                |                                       |                                 |
| <b><u>UC Regents of the University of California</u></b>                                                                                                                         |                                       |                                 |
| Dr. Elissa A Hallem, Ph.D.<br>Box 957089, 1125 Murphy Hall<br>405 Hilgard Avenue<br>Los Angeles, CA 90095-7089<br><i>Thermosensation in skin-penetrating parasitic nematodes</i> | PC                                    | 50,000.00<br>38344<br>1/15/2016 |
| <b><u>UC Regents of the University of California</u></b>                                                                                                                         |                                       |                                 |
| Dr. Elissa A Hallem, Ph.D.<br>Box 957089, 1125 Murphy Hall<br>405 Hilgard Avenue<br>Los Angeles, CA 90095-7089<br><i>Thermosensation in skin-penetrating parasitic nematodes</i> | PC                                    | 50,000.00<br>39370<br>7/14/2016 |
| <b><u>Icahn School of Medicine at Mount Sinai</u></b>                                                                                                                            |                                       |                                 |
| Dr. Matthew J. Evans, Ph.D.<br>New York, NY<br><i>Determinants of hepatitis C virus persistence</i>                                                                              | PC                                    | 50,000.00<br>38342<br>1/15/2016 |
| <b><u>Icahn School of Medicine at Mount Sinai</u></b>                                                                                                                            |                                       |                                 |
| Dr. Matthew J. Evans, Ph.D.<br>New York, NY<br><i>Determinants of hepatitis C virus persistence</i>                                                                              | PC                                    | 50,000.00<br>39368<br>7/14/2016 |
| <b><u>Texas A&amp;M University</u></b>                                                                                                                                           |                                       |                                 |
| Dr. Xiaorong Lin, Ph.D.<br>College Station, TX<br><i>Fungal communication and pathogenicity</i>                                                                                  | PC                                    | 50,000.00<br>38325<br>1/15/2016 |
| <b><u>Investigators in Pathogenesis of Infectious Disease</u></b>                                                                                                                |                                       |                                 |
| <b><u>Texas A&amp;M University</u></b>                                                                                                                                           |                                       |                                 |
| Dr. Xiaorong Lin, Ph.D.<br>College Station, TX<br><i>Fungal communication and pathogenicity</i>                                                                                  | PC                                    | 50,000.00<br>39350<br>7/14/2016 |
| <b><u>President and Fellows of Harvard College</u></b>                                                                                                                           |                                       |                                 |
| Dr. Sarah M. Fortune, M.D.<br>Boston, MA<br><i>Quick change: polarity, diversity and virulence in mycobacterium tuberculosis</i>                                                 | PC                                    | 50,000.00<br>38313<br>1/15/2016 |
| <b><u>President and Fellows of Harvard College</u></b>                                                                                                                           |                                       |                                 |
| Dr. Sarah M. Fortune, M.D.<br>Boston, MA<br><i>Quick change: polarity, diversity and virulence in mycobacterium tuberculosis</i>                                                 | PC                                    | 50,000.00<br>39337<br>7/14/2016 |

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| <b>President and Fellows of Harvard College</b><br>Dr Matthias Marti, Ph.D<br>Boston, MA<br><i>Cellular communication in malaria parasites</i>                                                        | PC                                    | 50,000.00<br>38334    | 1/15/2016        |
| <b>President and Fellows of Harvard College</b><br>Dr Matthias Marti, Ph D<br>Boston, MA<br><i>Cellular communication in malaria parasites</i>                                                        | PC                                    | 50,000.00<br>38964    | 5/12/2016        |
| <b>Regents of the University of Colorado</b><br>Dr. Sara L. Sawyer, Ph D.<br>Denver, CO<br><i>The genetics of viral species tropism</i>                                                               | PC                                    | 50,000.00<br>38322    | 1/15/2016        |
| <b>Investigators in Pathogenesis of Infectious Disease</b><br><b>Regents of the University of Colorado</b><br>Dr. Sara L. Sawyer, Ph.D.<br>Denver, CO<br><i>The genetics of viral species tropism</i> | PC                                    | 50,000.00<br>39348    | 7/14/2016        |
| <b>University of Pittsburgh</b><br>Dr. Carolyn B. Coyne, Ph D.<br>Pittsburgh, PA<br><i>The actin cytoskeleton and antiviral innate immune signaling</i>                                               | PC                                    | 50,000.00<br>38312    | 1/15/2016        |
| <b>University of Pittsburgh</b><br>Dr Carolyn B. Coyne, Ph.D<br>Pittsburgh, PA<br><i>The actin cytoskeleton and antiviral innate immune signaling</i>                                                 | PC                                    | 50,000.00<br>39336    | 7/14/2016        |
| <b>University of Florida</b><br>Dr. Liang Zhou, M.D., Ph D.<br>Gainesville, FL<br><i>Environmental impact on host-pathogen interaction</i>                                                            | PC                                    | 50,000.00<br>38321    | 1/15/2016        |
| <b>University of Florida</b><br>Dr. Liang Zhou, M D., Ph D.<br>Gainesville, FL<br><i>Environmental impact on host-pathogen interaction</i>                                                            | PC                                    | 50,000.00<br>39347    | 7/14/2016        |
| <b>Duke University</b><br>Dr. Jorn Coers, D Phil., Ph D.<br>Durham, NC<br><i>Host-mediated lysis of cytoplasmic pathogens</i>                                                                         | PC                                    | 50,000.00<br>39381    | 7/14/2016        |

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| <b><u>Investigators in Pathogenesis of Infectious Disease</u></b>                                                                                                           |                                       |                                 |
| <b>Washington University</b><br>Dr. Audrey R Odom, M.D., Ph.D<br>Saint Louis, MO<br><i>Insights into the chemical ecology of malaria parasites</i>                          | PC                                    | 50,000.00<br>39386<br>7/14/2016 |
| <b>Washington University</b><br>Dr. Chyi-Song Hsieh, M.D., Ph.D.<br>Saint Louis, MO<br><i>Host discrimination between pathogenic and commensal bacteria in the colon</i>    | PC                                    | 50,000.00<br>38314<br>1/15/2016 |
| <b>Washington University</b><br>Dr. Niraj H Tolia, Ph.D.<br>Saint Louis, MO<br><i>Molecular basis for and inhibition of red blood cell invasion by plasmodium parasites</i> | PC                                    | 50,000.00<br>38329<br>1/15/2016 |
| <b>Washington University</b><br>Dr. Niraj H. Tolia, Ph.D<br>Saint Louis, MO<br><i>Molecular basis for and inhibition of red blood cell invasion by plasmodium parasites</i> | PC                                    | 50,000.00<br>39354<br>7/14/2016 |
| <b>Trustees of Princeton University</b><br>Dr. Alexander Ploss, Ph.D<br>Princeton, NJ<br><i>Breaking species barriers of human hepatotropic pathogens</i>                   | PC                                    | 50,000.00<br>39379<br>7/14/2016 |
| <b>Trustees of Princeton University</b><br>Dr. Alexei V. Korennykh, Ph.D.<br>Princeton, NJ<br><i>Systems analysis of pathogen defense mediated by 2',5'-linked isoRNA</i>   | PC                                    | 50,000.00<br>39359<br>7/14/2016 |
| <b><u>Investigators in Pathogenesis of Infectious Disease</u></b>                                                                                                           |                                       |                                 |
| <b>Trustees of Princeton University</b><br>Dr. Alexei V Korennykh, Ph.D<br>Princeton, NJ<br><i>Systems analysis of pathogen defense mediated by 2',5'-linked isoRNA</i>     | PC                                    | 50,000.00<br>38333<br>1/15/2016 |
| <b>Washington University</b><br>Dr. Chyi-Song Hsieh, M.D., Ph.D<br>Saint Louis, MO<br><i>Host discrimination between pathogenic and commensal bacteria in the colon</i>     | PC                                    | 50,000.00<br>39338<br>7/14/2016 |
| <b>Regents of the University of California</b><br>Dr Gregory M. Barton, Ph.D<br>CA                                                                                          | PC                                    | 50,000.00<br>37572<br>9/15/2015 |

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| <i>Interactions between TLRs and intracellular pathogens</i>                                 |                                       |                       |                  |
| <b>Regents of the University of California</b><br>Dr. Gregory M. Barton, Ph.D.<br>CA         | PC                                    | 50,000.00<br>38306    | 1/15/2016        |
| <i>Interactions between TLRs and intracellular pathogens</i>                                 |                                       |                       |                  |
| <b>Regents of the University of California</b><br>Dr. Manuela Raffatellu, M.D.<br>CA         | PC                                    | 50,000.00<br>39356    | 7/14/2016        |
| <i>Characterization of novel populations of neutrophils during bacterial infection</i>       |                                       |                       |                  |
| <b>Regents of the University of California</b><br>Dr. Emily R. Troemel, Ph.D.<br>CA          | PC                                    | 50,000.00<br>38320    | 1/15/2016        |
| <i>Microsporidia virulence factors exploit host cell physiology</i>                          |                                       |                       |                  |
| <b>Investigators in Pathogenesis of Infectious Disease</b>                                   |                                       |                       |                  |
| <b>Regents of the University of California</b><br>Dr. Emily R. Troemel, Ph.D.<br>CA          | PC                                    | 50,000.00<br>39346    | 7/14/2016        |
| <i>Microsporidia virulence factors exploit host cell physiology</i>                          |                                       |                       |                  |
| <b>Regents of the University of California</b><br>Dr. DeBroski R. Herbert, Ph.D.<br>CA       | PC                                    | 32,554.48<br>39357    | 7/14/2016        |
| <i>Trefoil factor proteins modulate host immunity against hookworms</i>                      |                                       |                       |                  |
| <b>Regents of the University of California</b><br>Dr. Manuela Raffatellu, M.D.<br>CA         | PC                                    | 50,000.00<br>38331    | 1/15/2016        |
| <i>Characterization of novel populations of neutrophils during bacterial infection</i>       |                                       |                       |                  |
| <b>Rockefeller University</b><br>Dr. Luciano A. Marraffini, Ph.D.<br>New York, NY            | PC                                    | 50,000.00<br>38349    | 1/15/2016        |
| <i>Effect of type III CRISPR-Cas immunity on phage-mediated staphylococcal pathogenesis</i>  |                                       |                       |                  |
| <b>Rockefeller University</b><br>Dr. Luciano A. Marraffini, Ph.D.<br>New York, NY            | PC                                    | 50,000.00<br>39375    | 7/14/2016        |
| <i>Effect of type III CRISPR-Cas immunity on phage-mediated staphylococcal pathogenesis</i>  |                                       |                       |                  |
| <b>Rockefeller University</b><br>Dr. Daniel Mucida, Ph.D.<br>New York, NY                    | PC                                    | 50,000.00<br>38350    | 1/15/2016        |
| <i>Adaptation of immune cells to the gut tissue: consequences for immunity and tolerance</i> |                                       |                       |                  |

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| <b><u>Investigators in Pathogenesis of Infectious Disease</u></b>                                                 |                                       |                                  |
| <b>Rockefeller University</b>                                                                                     |                                       |                                  |
| Dr Daniel Mucida, Ph D.<br>New York, NY                                                                           | PC                                    | 50,000.00<br>39376<br>7/14/2016  |
| <i>Adaptation of immune cells to the gut tissue: consequences for immunity and tolerance</i>                      |                                       |                                  |
| <b>Emory University</b>                                                                                           |                                       |                                  |
| Dr Christine M. Dunham, Ph D.<br>Atlanta, GA                                                                      | PC                                    | 50,000.00<br>39385<br>7/14/2016  |
| <i>Characterization of pathways involved in bacterial persistence and antibiotic resistance</i>                   |                                       |                                  |
| <b>California Institute of Technology</b>                                                                         |                                       |                                  |
| Dr Sarkis K. Mazmanian, Ph.D<br>Pasadena, CA                                                                      | PC                                    | 50,000.00<br>38307<br>1/15/2016  |
| <i>Novel probiotic therapy for microbial infections</i>                                                           |                                       |                                  |
| <b>Vanderbilt University</b>                                                                                      |                                       |                                  |
| Dr. David M. Aronoff, M D., FIDSA<br>Nashville, TN                                                                | PC                                    | 31,527.29<br>37746<br>10/15/2015 |
| <i>Prostaglandin E2 synthesis and signaling in the pathogenesis of puerperal Group A Streptococcus infections</i> |                                       |                                  |
| <b>Vanderbilt University</b>                                                                                      |                                       |                                  |
| Dr. David M. Aronoff, M D., FIDSA<br>Nashville, TN                                                                | PC                                    | 31,527.29<br>38807<br>4/14/2016  |
| <i>Prostaglandin E2 synthesis and signaling in the pathogenesis of puerperal Group A Streptococcus infections</i> |                                       |                                  |
| <b>New York University School of Medicine</b>                                                                     |                                       |                                  |
| Dr. Victor J. Torres, Ph.D.<br>New York, NY                                                                       | PC                                    | 50,000.00<br>38328<br>1/15/2016  |
| <i>Staphylococcus aureus pore-forming toxins: leukocyte killing and beyond</i>                                    |                                       |                                  |
| <b><u>Investigators in Pathogenesis of Infectious Disease</u></b>                                                 |                                       |                                  |
| <b>New York University School of Medicine</b>                                                                     |                                       |                                  |
| Dr Victor J. Torres, Ph.D.<br>New York, NY                                                                        | PC                                    | 50,000.00<br>39353<br>7/14/2016  |
| <i>Staphylococcus aureus pore-forming toxins: leukocyte killing and beyond</i>                                    |                                       |                                  |
| <b>New York University School of Medicine</b>                                                                     |                                       |                                  |
| Dr. Ken Cadwell, Ph.D.<br>New York, NY                                                                            | PC                                    | 50,000.00<br>38341<br>1/15/2016  |
| <i>Gene-microbe interactions in inflammatory bowel disease</i>                                                    |                                       |                                  |
| <b>New York University School of Medicine</b>                                                                     |                                       |                                  |
| Dr. Ken Cadwell, Ph.D.                                                                                            | PC                                    | 50,000.00<br>39367               |

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| New York, NY                                                                               |                                       | 7/14/2016                       |
| <i>Gene-microbe interactions in inflammatory bowel disease</i>                             |                                       |                                 |
| <b>University of Washington</b>                                                            | GOV                                   | 50,000.00<br>38330<br>1/15/2016 |
| <i>Why do DNA viruses cause cancer?</i>                                                    |                                       |                                 |
| <b>University of Washington</b>                                                            | GOV                                   | 50,000.00<br>39355<br>7/14/2016 |
| <i>Why do DNA viruses cause cancer?</i>                                                    |                                       |                                 |
| <br>                                                                                       |                                       |                                 |
| <b><u>Postdoctoral Enrichment Program for Underrepresented Minorities</u></b>              |                                       |                                 |
| <b>Stanford University</b>                                                                 | PC                                    | 20,000.00<br>37638<br>9/15/2015 |
| Dr. David M. Garcia, Ph.D.<br>CA                                                           |                                       |                                 |
| <i>Heritable protein aggregation affecting RNA regulation</i>                              |                                       |                                 |
| <b><u>Postdoctoral Enrichment Program for Underrepresented Minorities</u></b>              |                                       |                                 |
| <b>Stanford University</b>                                                                 | PC                                    | 20,000.00<br>37636<br>9/15/2015 |
| Dr. David Ashley Van Valen, M.D., Ph.D.<br>CA                                              |                                       |                                 |
| <i>Understanding host-virus interactions in bacterial systems at the single cell level</i> |                                       |                                 |
| <b>Stanford University</b>                                                                 | PC                                    | 10,000.00<br>37596<br>9/15/2015 |
| Dr. Daniel C. Koch, D.Phil., Ph.D.<br>CA                                                   |                                       |                                 |
| <i>Unique Cancer Stem Cell Signature in MYC Addicted Progenitor cells.</i>                 |                                       |                                 |
| <b>Stanford University</b>                                                                 | PC                                    | 10,000.00<br>37589<br>9/15/2015 |
| Dr. Nikki Georgina Traylor-Knowles, Ph.D.<br>CA                                            |                                       |                                 |
| <i>Some Like It Hot: The Mechanisms of TNFR Signaling In Corals</i>                        |                                       |                                 |
| <b>Regents of the University of California</b>                                             | PC                                    | 20,000.00<br>37634<br>9/15/2015 |
| Dr. Travis James Chapa, Ph.D.<br>CA                                                        |                                       |                                 |
| <i>Determine the mechanism underlying gamma-herpesvirus late transcription initiation</i>  |                                       |                                 |
| <b>Trustees of Princeton University</b>                                                    | PC                                    | 20,000.00<br>37639              |
| Dr. Thomas Pohl, Ph.D.                                                                     |                                       |                                 |

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| Princeton, NJ<br><i>Role of G4 sequences in rDNA transcription and ribosome biogenesis and/or function</i><br><b>Regents of the University of California</b><br>Dr Sonya Elina Neal, Ph.D<br>CA<br><i>Discovering the machinery and mechanism of ERAD-M retrotranslocation</i>                                                                                                                                                                                                                                                                                                                                     | PC                                    | 20,000.00<br>37614<br>9/15/2015 |
| <b><u>Postdoctoral Enrichment Program for Underrepresented Minorities</u></b><br><b>Regents of the University of California</b><br>Dr Galo Garcia, III, Ph D<br>CA<br><i>Elucidating the Role of the Transition Zone in Ciliary Diseases</i><br><b>California Institute of Technology</b><br>Dr Rosa Anna Uribe, Ph D.<br>Pasadena, CA<br><i>Functional analysis of enteric neural crest cell migration and development</i><br><b>Stanford University</b><br>Dr Joshua Charles Saldivar, Ph.D<br>CA<br><i>DNA replication stress-induced primary cilia dysfunction in the formation of malignant breast cancer</i> | PC                                    | 20,000.00<br>37619<br>9/15/2015 |
| <b>Stanford University</b><br>Dr. Nikki Georgina Traylor-Knowles, Ph D.<br>CA<br><i>Some Like It Hot: The Mechanisms of TNFR Signaling In Corals</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PC                                    | 10,000.00<br>37590<br>9/15/2015 |
| <b>Massachusetts Institute of Technology</b><br>Dr. Breann L Brown, Ph D.<br>Cambridge, MA<br><i>Elucidating key protein-protein interactions that control substrate selection by the Lon AAA protease</i>                                                                                                                                                                                                                                                                                                                                                                                                         | PC                                    | 20,000.00<br>37633<br>9/15/2015 |
| <b>Massachusetts Institute of Technology</b><br>Dr Michael John Mitchell, Ph.D.<br>Cambridge, MA<br><i>A Nanoparticle Platform for siRNA Delivery to Bone Marrow Endothelium to Disrupt Bone Metastasis Formation</i>                                                                                                                                                                                                                                                                                                                                                                                              | PC                                    | 20,000.00<br>37641<br>9/15/2015 |

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| <b>Postdoctoral Enrichment Program for Underrepresented Minorities</b>                                                                           |                                                      |                              |
| <b>Johns Hopkins University</b>                                                                                                                  | PC                                                   | 20,000.00                    |
| Dr. Courtney Rory Goodwin, M.D., Ph.D.<br>Baltimore, MD<br><i>Phospho-proteomic profiling of metastatic breast cancer</i>                        |                                                      | 37620<br>9/15/2015           |
| <b>Stanford University</b>                                                                                                                       | PC                                                   | 10,000.00                    |
| Dr. Daniel C Koch, D.Phil., Ph.D.<br>CA<br><i>Unique Cancer Stem Cell Signature in MYC Addicted Progenitor cells.</i>                            |                                                      | 37595<br>9/15/2015           |
| <b>Massachusetts Institute of Technology</b>                                                                                                     | PC                                                   | 20,000.00                    |
| Dr. Markita Patricia Landry, Ph.D.<br>Cambridge, MA<br><i>Detection of Unlabeled Proteins from a Live Single Cell Using Synthetic Antibodies</i> |                                                      | 37615<br>9/15/2015           |
| <b>University of Texas Southwestern Medical Center-Dallas</b>                                                                                    | GOV                                                  | 20,000.00                    |
| Dr. Tamia Alisha Harris-Tryon, M.D., Ph.D.<br>Dallas, TX<br><i>Microbiota-immune system interactions in the skin</i>                             |                                                      | 37642<br>9/15/2015           |
| <b>Washington University School of Medicine</b>                                                                                                  | GOV                                                  | 10,000.00                    |
| Dr. Felipe H Santiago-Tirado, Ph.D.<br>Saint Louis, MO<br><i>Mechanisms of Brain Infection by Cryptococcus neoformans</i>                        |                                                      | 37597<br>9/15/2015           |
| <b>Washington University School of Medicine</b>                                                                                                  | GOV                                                  | 10,000.00                    |
| Dr. Felipe H Santiago-Tirado, Ph.D.<br>Saint Louis, MO<br><i>Mechanisms of Brain Infection by Cryptococcus neoformans</i>                        |                                                      | 37598<br>9/15/2015           |
| <b>Postdoctoral Enrichment Program for Underrepresented Minorities</b>                                                                           |                                                      |                              |
| <b>Columbia University College of Physicians and Surgeons</b>                                                                                    | PC                                                   | 10,000.00                    |
| Dr. Kimberly A Kempadoo, Ph.D.<br>New York, NY<br><i>The role of dopamine in mediating hippocampal place cell stability and spatial learning</i> |                                                      | 37587<br>9/15/2015           |
| <b>Columbia University College of Physicians and Surgeons</b>                                                                                    | PC                                                   | 10,000.00                    |
| Dr. Kimberly A Kempadoo, Ph.D.<br>New York, NY<br><i>The role of dopamine in mediating hippocampal place cell stability and spatial learning</i> |                                                      | 37588<br>9/15/2015           |
| <b>Yale University</b>                                                                                                                           | PC                                                   | 10,000.00                    |
| Dr. Racquel Kim Sherwood, Ph.D.<br>New Haven, CT                                                                                                 |                                                      | 37591<br>9/15/2015           |

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| <i>Identification of Legionella pneumophila Autophagy Regulators.</i>                                                                                                                                                                                     |                                      |                                  |
| <b>Yale University</b><br>Dr. Racquel Kim Sherwood, Ph D<br>New Haven, CT                                                                                                                                                                                 | PC                                   | 10,000.00<br>37592<br>9/15/2015  |
| <i>Identification of Legionella pneumophila Autophagy Regulators</i><br><b>University of California-Los Angeles</b><br>Dr. Oliver Isauro Fregoso, Ph D<br>Los Angeles, CA                                                                                 | PC                                   | 31,658.66<br>39595<br>8/15/2016  |
| <i>Elucidating the role of the DNA damage response in lentiviral biology</i><br><b>University of Pennsylvania</b><br>Dr. Ishmail John Abdus-Saboor, Ph D.<br>Department of Physics and Astronomy<br>209 South 33rd St.<br>Philadelphia, PA 19104          | PC                                   | 20,000.00<br>37960<br>11/12/2015 |
| <i>Determining the Function of Touch-sensing Neurons in Acute and Chronic Pain</i><br><b>Postdoctoral Enrichment Program for Underrepresented Minorities</b><br><b>University of Colorado-Boulder</b><br>Dr. Adrienne Marie Rosales, Ph.D.<br>Boulder, CO | GOV                                  | 20,000 00<br>37613<br>9/15/2015  |
| <i>The Role of Matrix Elasticity in Regulating Myofibroblast Activation of Valvular Interstitial Cells</i><br><b>University of Colorado-Boulder</b><br>Dr. Adrienne Marie Rosales, Ph D.<br>Boulder, CO                                                   | GOV                                  | 10,000 00<br>39593<br>8/15/2016  |
| <i>The Role of Matrix Elasticity in Regulating Myofibroblast Activation of Valvular Interstitial Cells</i><br><b>University of Colorado-Boulder</b><br>Dr. Adrienne Marie Rosales, Ph.D.<br>Boulder, CO                                                   | GOV                                  | 10,000.00<br>39594<br>8/15/2016  |
| <i>The Role of Matrix Elasticity in Regulating Myofibroblast Activation of Valvular Interstitial Cells</i><br><b>Massachusetts General Hospital</b><br>Dr. Dennis Jones, Ph D<br>Boston, MA<br><i>Functional Analysis of Lymph Node Metastases</i>        | PC                                   | 20,000.00<br>37958<br>11/12/2015 |
| <b>Fred Hutchinson Cancer Research Center</b><br>Dr. Oliver Isauro Fregoso, Ph D                                                                                                                                                                          | PC                                   | 20,000 00<br>37618               |

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| Seattle, WA                                                                                                                                   |                                       |                       | 9/15/2015        |
| <i>Elucidating the role of the DNA damage response in lentiviral biology</i>                                                                  |                                       |                       |                  |
| <b><u>Postdoctoral Enrichment Program for Underrepresented Minorities</u></b>                                                                 |                                       |                       |                  |
| <b>Harvard Medical School</b>                                                                                                                 | PC                                    | 10,000.00<br>37583    | 9/15/2015        |
| Dr. Carlos Ramon Ponce, M.D., Ph.D.<br>Boston, MA                                                                                             |                                       |                       |                  |
| <i>Functional roles of V2 and V4 parallel input pathways in object recognition</i>                                                            |                                       |                       |                  |
| <b>Harvard Medical School</b>                                                                                                                 | PC                                    | 10,000.00<br>37584    | 9/15/2015        |
| Dr. Carlos Ramon Ponce, M.D., Ph.D.<br>Boston, MA                                                                                             |                                       |                       |                  |
| <i>Functional roles of V2 and V4 parallel input pathways in object recognition</i>                                                            |                                       |                       |                  |
| <b>Medical University of South Carolina</b>                                                                                                   | GOV                                   | 10,000.00<br>37585    | 9/15/2015        |
| Dr. Sade Monique Spencer, D.Phil., Ph.D.<br>Charleston, SC                                                                                    |                                       |                       |                  |
| <i>Investigating the role of astrocyte-secreted synaptogenic molecules in cocaine-induced synaptic plasticity and reinstatement behavior.</i> |                                       |                       |                  |
| <b>Medical University of South Carolina</b>                                                                                                   | GOV                                   | 10,000.00<br>37586    | 9/15/2015        |
| Dr. Sade Monique Spencer, D.Phil., Ph.D.<br>Charleston, SC                                                                                    |                                       |                       |                  |
| <i>Investigating the role of astrocyte-secreted synaptogenic molecules in cocaine-induced synaptic plasticity and reinstatement behavior.</i> |                                       |                       |                  |
| <b>Northwestern University</b>                                                                                                                | PC                                    | 20,000.00<br>37635    | 9/15/2015        |
| Dr. Laura M. K. Dassama, Ph.D.<br>Chicago, IL                                                                                                 |                                       |                       |                  |
| <i>Functional and Structural Characterization of a Methanobactin Transporter</i>                                                              |                                       |                       |                  |
| <b><u>Postdoctoral Enrichment Program for Underrepresented Minorities</u></b>                                                                 |                                       |                       |                  |
| <b>President and Fellows of Harvard College</b>                                                                                               | PC                                    | 20,000.00<br>37640    | 9/15/2015        |
| Dr. Samira Musah, Ph.D.<br>Boston, MA                                                                                                         |                                       |                       |                  |
| <i>Directed differentiation of human iPS cells to reconstitute kidney glomerular function in vitro</i>                                        |                                       |                       |                  |
| <b>President and Fellows of Harvard College</b>                                                                                               | PC                                    | 20,000.00<br>37637    | 9/15/2015        |
| Dr. Elenoe Cheddema Smith, Ph.D.<br>Boston, MA                                                                                                |                                       |                       |                  |
| <i>DNA elements within BCL11A and its target sequences in hemoglobin switching</i>                                                            |                                       |                       |                  |
| <b>University of North Carolina-Chapel Hill</b>                                                                                               | PC                                    | 20,000.00<br>37616    |                  |
| Dr. Sara Elisabeth Conard, Ph.D.                                                                                                              |                                       |                       |                  |

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**GRANTS PAID DURING THE YEAR**

| <b>NAME/ADDRESS/PURPOSE</b>                                                                                                                                                                                                                                                    | <b>Foundation Status of Recipient</b> | <b>Amount Check # Paid Date</b>  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------|
| Chapel Hill, NC<br><i>The Role of IKKalpha in Maintaining Prostate Tumor Initiating Cells Through Regulation of Androgen Receptor</i>                                                                                                                                          |                                       | 9/15/2015                        |
| <b>Children's Hospital Corporation</b><br>Dr. Jonathan Abraham, M.D., Ph.D.<br>Boston, MA<br><i>Structural and Molecular Basis for Passive Immunotherapy Against a Human Viral Hemorrhagic fever</i>                                                                           | PC                                    | 10,000.00<br>39592<br>8/15/2016  |
| <b>Children's Hospital Corporation</b><br>Dr. Jonathan Abraham, M.D., Ph.D.<br>Boston, MA<br><i>Structural and Molecular Basis for Passive Immunotherapy Against a Human Viral Hemorrhagic fever</i>                                                                           | PC                                    | 10,000.00<br>39591<br>8/15/2016  |
| <b>Postdoctoral Enrichment Program for Underrepresented Minorities</b><br><b>Children's Hospital Corporation</b><br>Dr. Jonathan Abraham, M.D., Ph.D.<br>Boston, MA<br><i>Structural and Molecular Basis for Passive Immunotherapy Against a Human Viral Hemorrhagic fever</i> | PC                                    | 20,000.00<br>37609<br>9/15/2015  |
| <b>President and Fellows of Harvard College</b><br>Dr. Albert Ernesto Almada, Ph.D.<br>Boston, MA<br><i>Programming the muscle progenitor state</i>                                                                                                                            | PC                                    | 20,000.00<br>37610<br>9/15/2015  |
| <b>Duke University</b><br>Dr. Francisco (Paco) Eduardo Robles, Ph.D.<br>Durham, NC<br><i>Novel molecular contrast mechanisms for biomedical applications using pump-probe nonlinear phase dispersion spectroscopy</i>                                                          | PC                                    | 10,000.00<br>37593<br>9/15/2015  |
| <b>Duke University</b><br>Dr. Francisco (Paco) Eduardo Robles, Ph.D.<br>Durham, NC<br><i>Novel molecular contrast mechanisms for biomedical applications using pump-probe nonlinear phase dispersion spectroscopy</i>                                                          | PC                                    | 10,000.00<br>37594<br>9/15/2015  |
| <b>Pre-term Birth Initiative</b><br><b>University of Pennsylvania</b><br>Dr. George Scott Worthen, M.D.<br>Department of Physics and Astronomy<br>209 South 33rd St                                                                                                            | PC                                    | 75,000.00<br>37771<br>10/15/2015 |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------|------------------|
| Philadelphia, PA 19104<br><i>Worthen, G. Scott -- Genetics of preterm birth</i>                                                                                                                                        |                                       |                       |                  |
| <b>Pre-term Birth Initiative</b>                                                                                                                                                                                       |                                       |                       |                  |
| <b>University of Pennsylvania</b><br>Dr. George Scott Worthen, M.D.<br>Department of Physics and Astronomy<br>209 South 33rd St.<br>Philadelphia, PA 19104<br><i>Worthen, G. Scott -- Genetics of preterm birth</i>    | PC                                    | 75,000.00<br>38827    | 4/14/2016        |
| <b>University of Chicago</b><br>Dr. Vincent Joseph Lynch, Ph D.<br>Chicago, IL<br><i>Evolutionary forward genomic insights into the casual mechanisms of preterm birth</i>                                             | PC                                    | 75,000.00<br>38833    | 4/14/2016        |
| <b>University of Chicago</b><br>Dr. Vincent Joseph Lynch, Ph D<br>Chicago, IL<br><i>Evolutionary forward genomic insights into the casual mechanisms of preterm birth</i>                                              | PC                                    | 75,000.00<br>37775    | 10/15/2015       |
| <b>President and Fellows of Harvard College</b><br>Dr. Mark Phillippe, M.D.<br>Boston, MA<br><i>Cell-free Fetal DNA - the Trigger for Spontaneous Parturition</i>                                                      | PC                                    | 75,000.00<br>37793    | 10/15/2015       |
| <b>President and Fellows of Harvard College</b><br>Dr. Mark Phillippe, M.D.<br>Boston, MA<br><i>Cell-free Fetal DNA - the Trigger for Spontaneous Parturition</i>                                                      | PC                                    | 75,000.00<br>38863    | 4/14/2016        |
| <b>University of Toronto</b><br>Dr. Stephen Lye, Ph D<br>Toronto, ON<br>Canada<br><i>Targeting leukocyte activation to prevent preterm labor</i>                                                                       | PC                                    | 75,000.00<br>39360    | 7/14/2016        |
| <b>Pre-term Birth Initiative</b><br><b>Washington University</b><br>Dr. Amanda L. Lewis, Ph D.<br>Saint Louis, MO<br><i>Lewis, Amanda -- Mucus barrier degradation in bacterial vaginosis-associated preterm birth</i> | PC                                    | 75,000.00<br>37769    | 10/15/2015       |

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| <b>University of Cincinnati</b>                                                                                        | PC                                    | 75,000.00                       |
| Dr. Claire Chougnet, Ph.D.<br>Cincinnati, OH                                                                           |                                       | 37768<br>10/15/2015             |
| <i>Chougnet, Claire -- Host-microbe cross-talk and pregnancy outcomes</i>                                              |                                       |                                 |
| <b>University of Cincinnati</b>                                                                                        | PC                                    | 75,000.00                       |
| Dr. Senad Divanovic, Ph.D.<br>Cincinnati, OH                                                                           |                                       | 38861<br>4/14/2016              |
| <i>Role of type I IFNs/IFNAR axis in inflammation-induced preterm birth</i>                                            |                                       |                                 |
| <b>University of Cincinnati</b>                                                                                        | PC                                    | 75,000.00                       |
| Dr. Senad Divanovic, Ph.D.<br>Cincinnati, OH                                                                           |                                       | 37791<br>10/15/2015             |
| <i>Role of type I IFNs/IFNAR axis in inflammation-induced preterm birth</i>                                            |                                       |                                 |
| <b>Virginia Commonwealth University</b>                                                                                | PC                                    | 75,000.00                       |
| Dr. Timothy York, Ph.D.<br>Richmond, VA                                                                                |                                       | 37792<br>10/15/2015             |
| <i>Epigenetic mechanisms of preterm birth in a racially mixed sample of pregnant women</i>                             |                                       |                                 |
| <b>Virginia Commonwealth University</b>                                                                                | PC                                    | 75,000.00                       |
| Dr. Timothy York, Ph.D.<br>Richmond, VA                                                                                |                                       | 38862<br>4/14/2016              |
| <i>Epigenetic mechanisms of preterm birth in a racially mixed sample of pregnant women</i>                             |                                       |                                 |
| <b>Pre-term Birth Initiative</b>                                                                                       |                                       |                                 |
| <b>Case Western Reserve University</b>                                                                                 | PC                                    | 75,000.00                       |
| Dr. John James Moore, M.D.<br>Cleveland, OH                                                                            |                                       | 37790<br>10/15/2015             |
| <i>Determination of the Mechanisms of Preterm Premature Fetal Membrane Rupture Using a Novel in-vitro Model System</i> |                                       |                                 |
| <b>Case Western Reserve University</b>                                                                                 | PC                                    | 75,000.00                       |
| Dr. John James Moore, M.D.<br>Cleveland, OH                                                                            |                                       | 38860<br>4/14/2016              |
| <i>Determination of the Mechanisms of Preterm Premature Fetal Membrane Rupture Using a Novel in-vitro Model System</i> |                                       |                                 |
| <b>Regents of the University of California</b>                                                                         | PC                                    | 75,000.00                       |
| Dr. Trevor D. Burt, M.D.<br>CA                                                                                         |                                       | 37774<br>10/15/2015             |
| <i>Fetal immune activation and lineage switching in preterm labor</i>                                                  |                                       |                                 |
| <b>Regents of the University of California</b>                                                                         | PC                                    | 75,000.00                       |
| Dr. Trevor D. Burt, M.D.<br>CA                                                                                         |                                       | 38832<br>4/14/2016              |

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|--------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------|------------------|
| <i>Fetal immune activation and lineage switching in preterm labor</i>                                  |                                       |                       |                  |
| <b>Johns Hopkins University</b><br>Dr. Laura Marie Ensign, Ph.D.<br>Baltimore, MD                      | PC                                    | 75,000.00<br>37789    | 10/15/2015       |
| <i>The role of vaginal progesterone delivery in cervical remodeling and preterm birth</i>              |                                       |                       |                  |
| <b>Johns Hopkins University</b><br>Dr. Laura Marie Ensign, Ph.D.<br>Baltimore, MD                      | PC                                    | 75,000.00<br>38859    | 4/14/2016        |
| <i>The role of vaginal progesterone delivery in cervical remodeling and preterm birth</i>              |                                       |                       |                  |
| <b>Pre-term Birth Initiative</b>                                                                       |                                       |                       |                  |
| <b>Stanford University</b><br>Dr. David N. Cornfield, M.D.<br>CA                                       | PC                                    | 75,000.00<br>37773    | 10/15/2015       |
| <i>Myometrial smooth muscle cell TRPV channel activity modulates contractility</i>                     |                                       |                       |                  |
| <b>Stanford University</b><br>Dr. David N. Cornfield, M.D.<br>CA                                       | PC                                    | 75,000.00<br>38831    | 4/14/2016        |
| <i>Myometrial smooth muscle cell TRPV channel activity modulates contractility</i>                     |                                       |                       |                  |
| <b>Massachusetts Institute of Technology</b><br>Dr. Katharina Ribbeck, D.Phil., Ph.D.<br>Cambridge, MA | PC                                    | 75,000.00<br>37770    | 10/15/2015       |
| <i>Ribbeck, Katharina -- Properties and functions of cervical mucus associated with preterm birth</i>  |                                       |                       |                  |
| <b>Massachusetts Institute of Technology</b><br>Dr. Katharina Ribbeck, D.Phil., Ph.D.<br>Cambridge, MA | PC                                    | 75,000.00<br>38826    | 4/14/2016        |
| <i>Ribbeck, Katharina -- Properties and functions of cervical mucus associated with preterm birth</i>  |                                       |                       |                  |
| <b>PRISM Award</b>                                                                                     |                                       |                       |                  |
| <b>Parkland Magnet High School</b><br>Mr. Matthew L. Brady<br>Winston-Salem, NC                        | GOV                                   | 3,297.00<br>38885     | 4/14/2016        |
| <i>The Physics of Ziplines</i>                                                                         |                                       |                       |                  |
| <b>Buncombe County Schools</b><br>Mrs. Shannon LaBrecque<br>Asheville, NC                              | GOV                                   | 4,500.00<br>38639     | 3/15/2016        |
| <i>Micro-climates in the Mountains</i>                                                                 |                                       |                       |                  |
| <b>PRISM Award</b>                                                                                     |                                       |                       |                  |

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| <b>Greene County Middle School</b>                                            | GOV                                   | 3,000.00                        |
| Mr. Matthew Gnau                                                              |                                       | 38642                           |
| Snow Hill, NC                                                                 |                                       | 3/15/2016                       |
| <i>Middle School STEM Robotics club</i>                                       |                                       |                                 |
| <b>Greene County Middle School</b>                                            | GOV                                   | 3,770.00                        |
| Mr. Jeremy A Shaw                                                             |                                       | 38622                           |
| Snow Hill, NC                                                                 |                                       | 3/15/2016                       |
| <i>Applying Math and Science Skills to Coding and Programming with Sphero</i> |                                       |                                 |
| <b>JF Webb High School of Health and Life Sciences</b>                        | GOV                                   | 2,730.00                        |
| Ms Victoria L Sondecker                                                       |                                       | 38878                           |
| Oxford, NC                                                                    |                                       | 4/14/2016                       |
| <i>Weather Warriors</i>                                                       |                                       |                                 |
| <b>Southern Middle School</b>                                                 | GOV                                   | 4,500.00                        |
| Mr. Richard A Kozak                                                           |                                       | 38628                           |
| Roxboro, NC                                                                   |                                       | 3/15/2016                       |
| <i>360 Degree Math Classrooms</i>                                             |                                       |                                 |
| <b>PRISM Award</b>                                                            |                                       |                                 |
| <b>Cape Fear High School</b>                                                  | GOV                                   | 2,989.00                        |
| Mrs. Jennifer Howard Evans                                                    |                                       | 39190                           |
| Fayetteville, NC                                                              |                                       | 6/15/2016                       |
| <i>The Research Class</i>                                                     |                                       |                                 |
| <b>Ben D. Quinn Elementary School</b>                                         | GOV                                   | 2,991.00                        |
| Ms. Heather A Harley                                                          |                                       | 38653                           |
| New Bern, NC                                                                  |                                       | 3/15/2016                       |
| <i>City Planners and Civil Engineers: Bridging the Gap</i>                    |                                       |                                 |
| <b>Cleveland Middle School</b>                                                | GOV                                   | 1,366.00                        |
| Mrs. Valerie K Kinney                                                         |                                       | 38640                           |
| Garner, NC                                                                    |                                       | 3/15/2016                       |
| <i>Coding Robotics</i>                                                        |                                       |                                 |
| <b>Harold Winkler Middle School</b>                                           | GOV                                   | 2,945.00                        |
| Mrs. Debra B Gallagher                                                        |                                       | 38624                           |
| Concord, NC                                                                   |                                       | 3/15/2016                       |
| <i>Understanding Weather, Climate and Air Quality</i>                         |                                       |                                 |
| <b>Charles E. Jordan High School</b>                                          | GOV                                   | 3,000.00                        |
| Dr. Jeffrey P LaCosse, Ph.D.                                                  |                                       | 38627                           |
| Durham, NC                                                                    |                                       | 3/15/2016                       |
| <i>Applied Science, Mathematics and Engineering</i>                           |                                       |                                 |
| <b>Charles E. Jordan High School</b>                                          | GOV                                   | 3,000.00                        |

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| Mr Kevin G Lloyd<br>Durham, NC<br>LabQuest                                                                                                 |                                | 38874<br>4/14/2016             |
| <b><u>PRISM Award</u></b>                                                                                                                  |                                |                                |
| <b>West Alexander Middle School</b>                                                                                                        |                                |                                |
| Ms Kim B Lowman<br>Taylorsville, NC<br><i>Making a Media Makerspace</i>                                                                    | GOV                            | 3,000.00<br>38620<br>3/15/2016 |
| <b>Millers Creek Elementary School</b>                                                                                                     |                                |                                |
| Mrs. Kim Parsons<br>Millers Creek, NC<br><i>Stemming Up</i>                                                                                | GOV                            | 3,000.00<br>38659<br>3/15/2016 |
| <b>Contentnea-Savannah STEM School</b>                                                                                                     |                                |                                |
| Mrs. Stephanie B Harrell<br>Kinston, NC<br><i>Think It, Design It, Print It</i>                                                            | GOV                            | 2,997.00<br>38882<br>4/14/2016 |
| <b>Pender High School</b>                                                                                                                  |                                |                                |
| Mr Jared A Pinkston<br>Burgaw, NC<br><i>3d Printing and product design</i>                                                                 | GOV                            | 4,500.00<br>38868<br>4/14/2016 |
| <b>Pender High School</b>                                                                                                                  |                                |                                |
| Ms Larissa B Lupton<br>Burgaw, NC<br><i>Transforming Biology into Hands-On Activities in Genetics and Microbiology</i>                     | GOV                            | 4,500.00<br>38872<br>4/14/2016 |
| <b>Evergreen Community Charter School</b>                                                                                                  |                                |                                |
| Mr Jason Carter<br>Asheville, NC<br><i>Campus Learning Lab Phenology Project</i>                                                           | PC                             | 4,164.00<br>38625<br>3/15/2016 |
| <b><u>PRISM Award</u></b>                                                                                                                  |                                |                                |
| <b>Mount Airy City Schools</b>                                                                                                             |                                |                                |
| Mrs Adrienne R Murchland<br>Mount Airy, NC<br><i>MakerSpace, STEAM &amp; PBL - Inquiry Based Learning at its Finest</i>                    | GOV                            | 2,890.00<br>38884<br>4/14/2016 |
| <b>West Wilkes High School</b>                                                                                                             |                                |                                |
| Mrs. Jennifer Rae LeBlanc<br>Millers Creek, NC<br><i>Integrating Computer Science Tools in Math Class for Data Collection and Modeling</i> | GOV                            | 2,992.00<br>38617<br>3/15/2016 |
| <b>Alonzo Carlton Reynolds High School</b>                                                                                                 | GOV                            | 3,000.00                       |

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| Mr. Matthew A Kinnaird<br>Asheville, NC<br>Radio Jove Astronomy                                                                                                   |                                               | 38616<br>3/15/2016                      |
| <b>City of Medicine Academy</b><br>Mr. Vance J Kite<br>Durham, NC<br>Professional-Grade Labs                                                                      | PC                                            | 2,677.00<br>38618<br>3/15/2016          |
| <b>Charles B Aycock High School</b><br>Mrs. Mary Rose O Yoo<br>Pikeville, NC<br>Advanced Inquiry Labs for AP Physics 1                                            | GOV                                           | 2,500.00<br>38647<br>3/15/2016          |
| <b>Charles B Aycock High School</b><br>Mr. Brian G Rada<br>Pikeville, NC<br>Investigating Concentration with Beers' Law                                           | GOV                                           | 2,830.00<br>38619<br>3/15/2016          |
| <b>PRISM Award</b><br><b>Creswell High School</b><br>Mr. Mark D Schaap<br>Creswell, NC<br>Robotics and engineering                                                | GOV                                           | 3,600.00<br>38621<br>3/15/2016          |
| <b>Isaac Dickson Elementary School</b><br>Ms. Jessica H Bachar<br>Asheville, NC<br>Experiencing Math. Hands-On Work With Title 1                                  | GOV                                           | 1,789.00<br>38623<br>3/15/2016          |
| <b>Startown Elementary School</b><br>Mrs. Wendy B. Hildebran<br>Newton, NC<br>STEM Makerspace Lab                                                                 | GOV                                           | 2,942.00<br>38864<br>4/14/2016          |
| <b>Sandy Grove Middle School</b><br>Ms. Gabrielle M Patrick<br>Lumber Bridge, NC<br>Using Gel Electrophoresis to Explore Real-World Applications of Biotechnology | GOV                                           | 2,975.00<br>38865<br>4/14/2016          |
| <b>Hot Springs Elementary School</b><br>Mrs Susan Jackson<br>Hot Springs, NC<br>We Do STEM                                                                        | GOV                                           | 4,491.00<br>38626<br>3/15/2016          |

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| <b>Conn Active Learning &amp; Technology Magnet Elementary School</b>                                                                                                                | GOV                                   | 4,493.00<br>38866<br>4/14/2016  |
| Mrs Linnea C Gibson<br>Raleigh, NC<br><i>Elementary Entrepreneurial Design</i>                                                                                                       |                                       |                                 |
| <b>PRISM Award</b>                                                                                                                                                                   |                                       |                                 |
| <b>River Road Middle School</b>                                                                                                                                                      | GOV                                   | 4,399.00<br>38629<br>3/15/2016  |
| Mrs Tameka Jackson<br>Elizabeth City, NC<br><i>STEMulating Minds in Robotics</i>                                                                                                     |                                       |                                 |
| <b>Tommy's Road Elementary</b>                                                                                                                                                       | GOV                                   | 3,000.00<br>38867<br>4/14/2016  |
| Miss Marcy Wendy Wurtele<br>Goldsboro, NC<br><i>"Reaping What We Sow"</i>                                                                                                            |                                       |                                 |
| <b>DF Walker Elementary</b>                                                                                                                                                          | GOV                                   | 2,754.00<br>38632<br>3/15/2016  |
| Mrs Angela Marie Elsbree<br>Edenton, NC<br><i>Observe, Draw, Write!</i>                                                                                                              |                                       |                                 |
| <b>DF Walker Elementary</b>                                                                                                                                                          | GOV                                   | 2,678.00<br>38630<br>3/15/2016  |
| Mrs. Jennifer W Thach<br>Edenton, NC<br><i>Models Mean More</i>                                                                                                                      |                                       |                                 |
| <b>South Creek Middle School</b>                                                                                                                                                     | GOV                                   | 4,000.00<br>38631<br>3/15/2016  |
| Mr. Clifton Darrell Hudson<br>Robersonville, NC<br><i>No Child Left UnSTEMulated</i>                                                                                                 |                                       |                                 |
| <b>Colerain Elementary School</b>                                                                                                                                                    | GOV                                   | 665.00<br>38869<br>4/14/2016    |
| Mrs. Carla Pesce<br>Colerain, NC<br><i>Exploring the Weather - Fifth and Second graders working together to better understand the weather as directed by NC Essential Standards.</i> |                                       |                                 |
| <b>PRISM Award</b>                                                                                                                                                                   |                                       |                                 |
| <b>East Yancey Middle School</b>                                                                                                                                                     | GOV                                   | 2,708.00<br>38633<br>3/15/2016  |
| Mrs. Mary L Sapp<br>Burnsville, NC                                                                                                                                                   |                                       |                                 |

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| <i>Light Up Life- Macro to Micro</i>                            |                                       |                       |                  |
| <b>Marion Elementary</b>                                        | GOV                                   | 2,923.00<br>38634     | 3/15/2016        |
| Mrs. Renee F Hensley<br>Marion, NC                              |                                       |                       |                  |
| <i>Sphero Robotic Challenge</i>                                 |                                       |                       |                  |
| <b>W.M. Irvin Elementary School</b>                             | GOV                                   | 4,478.00<br>38635     | 3/15/2016        |
| Mrs. Kate E Culbreth<br>Concord, NC                             |                                       |                       |                  |
| <i>Energy Engineers</i>                                         |                                       |                       |                  |
| <b>Bear Grass Charter School</b>                                | GOV                                   | 1,729.00<br>38636     | 3/15/2016        |
| Mrs. Ashley M Cullipher<br>Williamston, NC                      |                                       |                       |                  |
| <i>Fluttering Through STEM</i>                                  |                                       |                       |                  |
| <b>Robeson Early College High School</b>                        | GOV                                   | 4,500.00<br>38637     | 3/15/2016        |
| Mr. Keenan Eric Locklear<br>Lumberton, NC                       |                                       |                       |                  |
| <i>KITS-Kids Inspired Through Science</i>                       |                                       |                       |                  |
| <b>Harrisburg Elementary School</b>                             | GOV                                   | 2,849.00<br>38643     | 3/15/2016        |
| Mrs. Debra P Diegmann<br>Harrisburg, NC                         |                                       |                       |                  |
| <i>Plant &amp; Soil Investigations</i>                          |                                       |                       |                  |
| <b>PRISM Award</b>                                              |                                       |                       |                  |
| <b>Benjamin J. Martin Elementary School</b>                     | GOV                                   | 3,000.00<br>38870     | 4/14/2016        |
| Mr. James S Autry II<br>Fayetteville, NC                        |                                       |                       |                  |
| <i>Improving Number Sense with Scientific Measurement Tools</i> |                                       |                       |                  |
| <b>Atkins Academic &amp; Technology High School</b>             | GOV                                   | 2,000.00<br>38644     | 3/15/2016        |
| Mr. Terry G Howerton<br>Winston-Salem, NC                       |                                       |                       |                  |
| <i>Bringing Gene Cloning into the Classroom</i>                 |                                       |                       |                  |
| <b>North Johnston High School</b>                               | GOV                                   | 3,000.00<br>38645     | 3/15/2016        |
| Mrs. Christy C Gandy<br>Kenly, NC                               |                                       |                       |                  |
| <i>There is a Better Way to Collect Data</i>                    |                                       |                       |                  |

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| <b>Boone Trail Elementary School</b><br>Mr Brad F Mauro<br>Lillington, NC<br><i>Beyond the Naked Eye</i>                                                                                                      | GOV                                   | 3,000.00<br>38967     | 5/12/2016        |
| <b>Alexander Wilson Elementary</b><br>Mrs. Ashley S Silva<br>Graham, NC<br><i>3D Printing: Bringing Innovation to Life!</i>                                                                                   | GOV                                   | 1,200.00<br>38871     | 4/14/2016        |
| <b>Forrest W. Hunt Elementary</b><br>Mrs. Karen S Glover<br>Forest City, NC<br><i>Forrest W Hunt Star MakerSpace Lab</i>                                                                                      | GOV                                   | 3,000.00<br>38646     | 3/15/2016        |
| <b>PRISM Award</b><br><b>E. A. Laney High School</b><br>Mrs. Ellen Blackman Salley<br>Wilmington, NC<br><i>Laney STEM. GO for it!</i>                                                                         | GOV                                   | 3,000.00<br>38873     | 4/14/2016        |
| <b>Rodgers Elementary</b><br>Mrs Sue Speed<br>Williamston, NC<br><i>Our Future is STEM!</i>                                                                                                                   | GOV                                   | 3,000.00<br>38875     | 4/14/2016        |
| <b>B. Everett Jordan Elementary School</b><br>Mrs. Catherine East<br>Graham, NC<br><i>Incorporation of the mathematical learning tool, Digi-Blocks, in instruction to improve mathematical comprehension.</i> | GOV                                   | 2,302.00<br>38876     | 4/14/2016        |
| <b>The Franklin School of Innovation</b><br>Ms Edie McDowell<br>Asheville, NC<br><i>WATER IS LIFE: WQI of Hominy Creek on the Franklin School of Innovation Campus</i>                                        | GOV                                   | 3,000.00<br>38648     | 3/15/2016        |
| <b>Walkertown Middle School</b><br>Mr Matthew F Poston<br>Walkertown, NC<br><i>Crime Scene DNA Fingerprinting: Who did it?</i>                                                                                | GOV                                   | 2,938.00<br>38649     | 3/15/2016        |
| <b>Shady Brook Elementary School</b><br>Mr. William D. Gibson<br>Kannapolis, NC<br><i>Beyond the Screen; Mathematical Creations and Application using the iPad, but with real, physical</i>                   | GOV                                   | 3,000.00<br>38877     | 4/14/2016        |

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| <i>manipulates and exploration</i>                                                                                      |                                       |                                 |
| <b><u>PRISM Award</u></b>                                                                                               |                                       |                                 |
| <b>Brentwood Magnet Elementary School of Engineering</b>                                                                | GOV                                   | 1,000.00<br>38879<br>4/14/2016  |
| Miss Natalie C Whitney<br>Raleigh, NC<br><i>The Internet of "Things"</i>                                                |                                       |                                 |
| <b>Rosewood Elementary</b>                                                                                              | GOV                                   | 2,950.00<br>38650<br>3/15/2016  |
| Mrs. Heather H Best<br>Goldsboro, NC<br><i>Wonder Workshop - Developing Students' Coding Literacy with Dash and Dot</i> |                                       |                                 |
| <b>Grady A. Brown Elementary School</b>                                                                                 | GOV                                   | 3,899.00<br>38880<br>4/14/2016  |
| Mrs. Jennifer E Carson<br>Hillsborough, NC<br><i>Outdoor Inquiry Based Science at Grady A Brown Elementary</i>          |                                       |                                 |
| <b>Grady A. Brown Elementary School</b>                                                                                 | GOV                                   | 4,500.00<br>38887<br>4/14/2016  |
| Ms. Jennifer E Cypira<br>Hillsborough, NC<br><i>MakerSpace</i>                                                          |                                       |                                 |
| <b>Morton Elementary</b>                                                                                                | GOV                                   | 3,728.00<br>38881<br>4/14/2016  |
| Mrs. Lisa Mixon<br>Jacksonville, NC<br><i>Morton Master Builders</i>                                                    |                                       |                                 |
| <b>Cabarrus/Kannapolis Early College High School</b>                                                                    | GOV                                   | 1,700.00<br>38651<br>3/15/2016  |
| Mrs. Betsy Bryan<br>Concord, NC<br><i>It Only Takes a SPRK to Get the Ball Rolling</i>                                  |                                       |                                 |
| <b><u>PRISM Award</u></b>                                                                                               |                                       |                                 |
| <b>Icard Elementary School</b>                                                                                          | GOV                                   | 1,954.00<br>38652<br>3/15/2016  |
| Mrs. Andrea T Gladden<br>Connelly Springs, NC<br><i>What's in a Drop of Water?</i>                                      |                                       |                                 |
| <b>Wentworth Elementary School</b>                                                                                      | GOV                                   | 3,000.00<br>38654<br>3/15/2016  |
| Mrs. Donna H. Strader<br>Reidsville, NC<br><i>Science Matters</i>                                                       |                                       |                                 |
| <b>Mulberry Elementary School</b>                                                                                       | GOV                                   | 1,701.00<br>38883<br>4/14/2016  |
| Mrs. Kimberly C. Lang<br>North Wilkesboro, NC                                                                           |                                       |                                 |

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| <i>Promoting Inquiry Based Science Investigations</i>                                                                            |                                       |                                 |
| <b>Greene Early College High School</b>                                                                                          | GOV                                   | 2,400.00<br>38655<br>3/15/2016  |
| Mr James E Melnyk<br>Snow Hill, NC                                                                                               |                                       |                                 |
| <i>Proeware for Hands-On Learning in Earth-Environmental Science, Biology, and Physics</i>                                       |                                       |                                 |
| <b>Nash-Rocky Mount Early College High School</b>                                                                                | GOV                                   | 4,465.00<br>38656<br>3/15/2016  |
| Mrs. Laurel T Currie<br>Rocky Mount, NC                                                                                          |                                       |                                 |
| <i>Improving Math and Science Literacy through the Maker Movement</i>                                                            |                                       |                                 |
| <b>Union Elementary School</b>                                                                                                   | GOV                                   | 2,000.00<br>38657<br>3/15/2016  |
| Mrs Polly D. Westfall<br>Shallotte, NC                                                                                           |                                       |                                 |
| <i>A Mighty Math Olympics</i>                                                                                                    |                                       |                                 |
| <b><u>PRISM Award</u></b>                                                                                                        |                                       |                                 |
| <b>Wake STEM Early College High School</b>                                                                                       | GOV                                   | 2,850.00<br>38886<br>4/14/2016  |
| Mr William Burgess<br>Raleigh, NC                                                                                                |                                       |                                 |
| <i>Classroom Telescope and Accessories</i>                                                                                       |                                       |                                 |
| <b>Western Middle School</b>                                                                                                     | GOV                                   | 3,000.00<br>38658<br>3/15/2016  |
| Ms. Melaine B. Rickard<br>Burlington, NC                                                                                         |                                       |                                 |
| <i>Engineering an Academic Makerspace</i>                                                                                        |                                       |                                 |
| <b><u>Research Travel Grant</u></b>                                                                                              |                                       |                                 |
| <b>Loyola University Chicago</b>                                                                                                 | PC                                    | 8,150.00<br>39390<br>7/14/2016  |
| Dr. Timothy Eugene O'Brien, Ph.D.<br>Maywood, IL                                                                                 |                                       |                                 |
| <i>Applied Biomedical Research in Bioinformatics and Biostatistics in Africa</i>                                                 |                                       |                                 |
| <b><u>Research Travel Grant</u></b>                                                                                              |                                       |                                 |
| <b>Oregon Health and Science University</b>                                                                                      | PC                                    | 5,000.00<br>39467<br>7/14/2016  |
| Dr Scott M Landfear, Ph D.<br>Portland, OR                                                                                       |                                       |                                 |
| <i>Flagellar Membrane Protein Trafficking in Kinetoplastid Parasites - An Essential Role in Parasite Viability and Virulence</i> |                                       |                                 |
| <b>University of Pittsburgh</b>                                                                                                  | PC                                    | 8,000.00<br>39612<br>8/15/2016  |
| Dr. Hong Zhang, M.D., Ph.D.<br>Pittsburgh, PA                                                                                    |                                       |                                 |
| <i>Optimization of donor-reactive regulatory T cell expansion for testing in transplantation</i>                                 |                                       |                                 |
| <b>Rutgers, The State University of New Jersey</b>                                                                               | GOV                                   | 6,000.00                        |

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| Dr. Francois Berthiaume, Ph.D.<br><i>Microphysiological Models of Fibrosis: Lung, Liver, and Skin</i><br><b>Duke University</b><br>Dr. Mehreen Arshad, M.D.<br>Durham, NC<br><i>Perinatal transmission of resistant Gram negatives and the neonatal microbiome</i><br><b>Duke University</b><br>Dr. J. Brice Weinberg, M.D.<br>Durham, NC<br><i>Assessment of endothelial glycocalyx in normal children in a malaria endemic area of Africa</i> | PC                                    | 39451<br>7/14/2016<br>6,000.00<br>39609<br>8/15/2016<br>8,000.00<br>39614<br>8/15/2016 |
| <b>Research Travel Grant</b><br><b>College of Idaho</b><br>Dr. Carolyn Y Dadabay, Ph.D.<br>Caldwell, ID<br><i>Isolation and Identification of Bioactive Plant Compounds Identified through a Co-evolutionary Screen</i>                                                                                                                                                                                                                         | PC                                    | 3,918.00<br>39395<br>7/14/2016                                                         |
| <b>Research Travel Grant</b><br><b>College of New Jersey</b><br>Dr. Constance Lynn Hall, Ph.D.<br>Ewing, NJ<br><i>Experimental and Computational Models of Bacterial Adhesion: Importance to Implant Infection</i><br><b>Trustees of the University of Pennsylvania</b><br>Dr. Ishmail John Abdus-Saboor, Ph.D.<br>Philadelphia, PA<br><i>Optogenetic and Brain Imaging Investigation of Pain Neural Circuitry</i>                              | PC                                    | 8,000.00<br>39460<br>7/14/2016<br>8,000.00<br>39449<br>7/14/2016                       |
| <b>Research Travel Grant</b><br><b>Curators of the University of Missouri</b><br>Dr. Krishna P Sigdel, Ph.D.<br>MO<br><i>Mechanical detection of protein-lipid interactions</i><br><b>Northwestern University</b><br>Dr. Mark Mandel, Ph.D.<br>Chicago, IL<br><i>Community bioinformatic platform for insertion sequencing</i>                                                                                                                  | PC                                    | 5,000.00<br>39486<br>7/14/2016<br>8,000.00<br>39416<br>7/14/2016                       |

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| <b><u>Research Travel Grant</u></b>                                                                                           |                                       |                                 |
| <b>Northwestern University</b>                                                                                                | PC                                    | 7,000.00<br>39459<br>7/14/2016  |
| Dr. Dou Yu, M.D., Ph.D.<br>Chicago, IL                                                                                        |                                       |                                 |
| <i>CRISPR Mediated Precision Nanomedicine for Patient Derived Malignant Glioma Stem Cells</i>                                 |                                       |                                 |
| <b>University of Saskatchewan</b>                                                                                             | PC                                    | 10,000.00<br>39615<br>8/15/2016 |
| Dr. Janna Schurer, Ph.D.<br>Saskatoon, SK<br>Canada                                                                           |                                       |                                 |
| <i>Zoonotic Cryptosporidium transmission dynamics in a Brazilian watershed area</i>                                           |                                       |                                 |
| <b>Carnegie Mellon University</b>                                                                                             | PC                                    | 6,000.00<br>39611<br>8/15/2016  |
| Dr. Alison L. Barth, Ph.D.<br>Pittsburgh, PA                                                                                  |                                       |                                 |
| <i>Cortical Representation of Cool Sensation in Mice</i>                                                                      |                                       |                                 |
| <b>Weill Medical College of Cornell University</b>                                                                            | PC                                    | 7,000.00<br>39479<br>7/14/2016  |
| Dr. Alejandro D Ramirez, Ph.D.<br>New York, NY                                                                                |                                       |                                 |
| <i>Rapid whole-brain imaging at high spatial resolution in larval zebrafish</i>                                               |                                       |                                 |
| <b><u>Research Travel Grant</u></b>                                                                                           |                                       |                                 |
| <b>George Mason University</b>                                                                                                | GOV                                   | 5,000.00<br>39450<br>7/14/2016  |
| Dr. Giorgio A Ascoli, Ph.D.<br>Fairfax, VA                                                                                    |                                       |                                 |
| <i>Barcode sequencing of axonal projections to classify long-range cortical neurons</i>                                       |                                       |                                 |
| <b>The Governors of the University of Alberta</b>                                                                             | PC                                    | 9,000.00<br>39481<br>7/14/2016  |
| Dr. Zachary James Storms, D.Phil<br>Edmonton, AB                                                                              |                                       |                                 |
| <i>Exploring the Robustness of a Novel, Generalized Method for Phage Genome Engineering</i>                                   |                                       |                                 |
| <b><u>Research Travel Grant</u></b>                                                                                           |                                       |                                 |
| <b>Rensselaer Polytechnic Institute</b>                                                                                       | PC                                    | 6,000.00<br>39471<br>7/14/2016  |
| Dr. Kristen Lynn Mills, Ph.D.<br>Troy, NY                                                                                     |                                       |                                 |
| <i>Tumorigenicity and 3D organization and growth effects of NF1-deficient NF1(+/-) stroma cells on (NF1-/-) sarcoma cells</i> |                                       |                                 |
| <b>City University of New York</b>                                                                                            | GOV                                   | 5,000.00<br>39454<br>7/14/2016  |
| Dr. Igor Dikiy, Ph.D.<br>New York, NY                                                                                         |                                       |                                 |
| <i>Long-range transmission of conformational changes in bacterial photosensors</i>                                            |                                       |                                 |
| <b><u>Research Travel Grant</u></b>                                                                                           |                                       |                                 |

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| <b>University of Utah</b><br>Dr. Vladimir Hlady, D.Sc<br>Salt Lake City, UT<br><i>Initiating joint research on the xylose-based amphiphile of astrocyte GAG expression in CNS</i>                                 | GOV                                                  | 6,580.00<br>39404  | 7/14/2016        |
| <b>University of Colorado-Boulder</b><br>Dr. Tonn K Clark, Ph D<br>Boulder, CO<br><i>The Effect of Altered Gravity on Human Orientation Perception using a Long-Radius Centrifuge</i>                             | GOV                                                  | 10,000.00<br>39608 | 8/15/2016        |
| <b>University of Colorado-Boulder</b><br>Dr. Brady Thomas Worrell, Ph.D.<br>Boulder, CO<br><i>Processive Molecular Machines to Translate DNA into Sequence Controlled Polymers</i>                                | GOV                                                  | 10,000.00<br>39484 | 7/14/2016        |
| <b>State University of New York-Stony Brook</b><br>Dr. Jessica Seeliger, Ph.D.<br>Stony Brook, NY<br><i>Structural Biology of Lipid Transport Proteins from Mycobacterium tuberculosis</i>                        | PC                                                   | 8,000.00<br>39422  | 7/14/2016        |
| <b>Research Travel Grant</b><br><b>University of Rochester</b><br>Dr. Luis Martinez-Sobrido, Ph D<br>Rochester, NY<br><i>Development of arenavirus temperature-sensitive live attenuated vaccines</i>             | PC                                                   | 5,000.00<br>39475  | 7/14/2016        |
| <b>University of Texas Medical Branch-Galveston</b><br>Dr. Traver Wright, Ph.D<br>Galveston, TX<br><i>Growth Hormone or Sildenafil as Therapies for Fatigue in mTBI</i>                                           | GOV                                                  | 3,730.00<br>39473  | 7/14/2016        |
| <b>University of Alabama-Tuscaloosa</b><br>Dr. Stephen Secor, Ph.D<br><i>Leveraging the python model to uncover regulatory mechanisms of B-cell function</i>                                                      | GOV                                                  | 9,000.00<br>39469  | 7/14/2016        |
| <b>Research Travel Grant</b><br><b>University of Alabama-Birmingham</b><br>Dr. Toni Mueller, Ph.D<br>Birmingham, AL<br><i>N-glycome abnormalities in cortex of elderly male and female schizophrenia subjects</i> | GOV                                                  | 6,000.00<br>39418  | 7/14/2016        |
| <b>New York University</b><br>Dr. Edo L. Kussell, Ph.D<br>New York, NY                                                                                                                                            | PC                                                   | 8,000.00<br>39465  | 7/14/2016        |

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| <i>Bacterial Autoimmunity and Horizontal Gene Transfer of Restriction-Modification Systems</i> |                                       |                       |                  |
| <b><u>Research Travel Grant</u></b>                                                            |                                       |                       |                  |
| <b><u>Cornell University</u></b>                                                               | PC                                    | 10,000.00             |                  |
| Dr. Susan Daniel, Ph.D.                                                                        |                                       | 39610                 |                  |
| Ithaca, NY                                                                                     |                                       |                       | 8/15/2016        |
| <i>Polymer devices for studying virus-lipid interfaces</i>                                     |                                       |                       |                  |
| <b><u>Cornell University</u></b>                                                               | PC                                    | 6,000.00              |                  |
| Dr. Shu-Bing Qian, Ph.D.                                                                       |                                       | 39478                 |                  |
| Ithaca, NY                                                                                     |                                       |                       | 7/14/2016        |
| <i>Deciphering Ribosome Dynamics in Translational Control</i>                                  |                                       |                       |                  |
| <b><u>Research Travel Grant</u></b>                                                            |                                       |                       |                  |
| <b><u>University of Iowa</u></b>                                                               | GOV                                   | 8,000.00              |                  |
| Dr. Christine A. Petersen, D.V.M., Ph.D.                                                       |                                       | 39452                 |                  |
| Iowa City, IA                                                                                  |                                       |                       | 7/14/2016        |
| <i>Learning from leaders: collaboration to optimize immunity from Leishmania vaccines</i>      |                                       |                       |                  |
| <b><u>University of California-Irvine</u></b>                                                  | GOV                                   | 3,000.00              |                  |
| Dr. Arthur D. Lander, M.D., Ph.D.                                                              |                                       | 39466                 |                  |
| Irvine, CA                                                                                     |                                       |                       | 7/14/2016        |
| <i>The role of dynamics in controlling developmental pattern</i>                               |                                       |                       |                  |
| <b><u>Research Travel Grant</u></b>                                                            |                                       |                       |                  |
| <b><u>University of South Carolina</u></b>                                                     | GOV                                   | 5,000.00              |                  |
| Dr. Berlin L. Londono-Renteria, Ph.D.                                                          |                                       | 39468                 |                  |
| Columbia, SC                                                                                   |                                       |                       | 7/14/2016        |
| <i>Immune cross-talk between human and mosquito: The complement to fight transmission</i>      |                                       |                       |                  |
| <b><u>University of Wisconsin-Madison</u></b>                                                  | GOV                                   | 8,000.00              |                  |
| Dr. Laura J. Knoll, Ph.D.                                                                      |                                       | 39389                 |                  |
| Madison, WI                                                                                    |                                       |                       | 7/14/2016        |
| <i>Measuring parasite-derived oxylipins using mass spectrometry-based lipidomics</i>           |                                       |                       |                  |
| <b><u>University of California-San Diego</u></b>                                               | GOV                                   | 5,505.00              |                  |
| Dr. Elbek K. Kurbanov, Ph.D.                                                                   |                                       | 39464                 |                  |
| La Jolla, CA                                                                                   |                                       |                       | 7/14/2016        |
| <i>Structure-based Inhibitor Design for NDM-1</i>                                              |                                       |                       |                  |
| <b><u>Research Travel Grant</u></b>                                                            |                                       |                       |                  |
| <b><u>Regents of the University of California</u></b>                                          | PC                                    | 5,240.00              |                  |

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| Dr. Debanjan Mukherjee, Ph.D<br>CA<br><i>Large Artery Thrombosis: Unifying Microscale Experiments &amp; Mesoscale Computations</i><br><b>Research Travel Grant</b>                                                                   |                                       | 39419<br>7/14/2016              |
| <b>Regents of the University of California</b><br>Dr. Ahmet Yildiz, Ph.D<br>CA<br><i>Single Molecule Characterization of the Human Cytoplasmic Dynein Complex</i>                                                                    | PC                                    | 8,000.00<br>39613<br>8/15/2016  |
| <b>Regents of the University of California</b><br>Dr. Karen M. Zito, Ph.D.<br>CA<br><i>Imaging Spatiotemporal Regulation of Signaling Molecules in Dendrites using 2p-FLIM</i>                                                       | PC                                    | 5,970.00<br>39400<br>7/14/2016  |
| <b>Regents of the University of California</b><br>Dr. Elizabeth Hua-Mei Kellogg, Ph.D<br>CA<br><i>Elucidating the structure of the yeast kinetochore using cryo-EM</i>                                                               | PC                                    | 8,000.00<br>39463<br>7/14/2016  |
| <b>Regents of the University of California</b><br>Dr. Elizabeth Hua-Mei Kellogg, Ph D<br>CA<br><i>Elucidating the structure of the yeast kinetochore using cryo-EM</i>                                                               | PC                                    | 8,000.00<br>39405<br>7/14/2016  |
| <b>Research Travel Grant</b><br><b>University of Western Ontario</b><br>Dr. Wing-Yiu (James) Choy, Ph.D.<br>London, ON<br>Canada<br><i>Computational Studies of Intrinsically Disordered Proteins Associated with Human Diseases</i> | PC                                    | 6,000.00<br>39455<br>7/14/2016  |
| <b>Trustees of Columbia University in the City of New York</b><br>Dr Filippo Mancia, Ph.D<br>New York, NY<br><i>Structural basis of phosphoinositide biosynthesis in Mycobacterium tuberculosis</i>                                  | PC                                    | 9,000.00<br>39414<br>7/14/2016  |
| <b>Research Travel Grant</b><br><b>Iowa State University</b><br>Dr. Iris V Rivero, Ph D.<br>Ames, IA<br><i>Understanding Cryomilling for the Customized Design of Biomaterials Stimulating Tissue Regeneration</i>                   | GOV                                   | 6,000.00<br>39470<br>7/14/2016  |

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| California Institute of Technology<br>Dr. Stefanie Heyden, Ph.D.<br>Pasadena, CA<br><i>Functional Optimality Of The Sulcus Pattern Of The Human Brain</i>                                                              | PC                                   | 8,000.00<br>39461<br>7/14/2016  |
| <u>Research Travel Grant</u><br><u>Vanderbilt University</u><br>Dr. Thomas F Scherr, Ph.D.<br>Nashville, TN<br><i>Mobile phones for objective malaria diagnosis and rapid reporting</i>                                | PC                                   | 10,000.00<br>39457<br>7/14/2016 |
| <u>Johns Hopkins University</u><br>Dr. Matthew Louis Robinson, M.D.<br>Baltimore, MD<br><i>Molecular diagnosis for acute febrile illness in a public hospital in Pune, India</i>                                       | PC                                   | 12,000.00<br>39456<br>7/14/2016 |
| <u>Research Travel Grant</u><br><u>University of Calgary</u><br>Dr. Campbell Rolian, Ph.D.<br>Calgary, AB<br>Canada<br><i>Probing the immune functions of chondrocytes during endochondral ossification</i>            | PC                                   | 7,000.00<br>39483<br>7/14/2016  |
| <u>Research Travel Grant</u><br><u>Dalhousie University</u><br>Dr. John Roy Rohde, Ph.D.<br>Halifax, NS<br>Canada<br><i>Systematic Analysis of Virulence Using a Large Collection of Mutants and Live Cell Imaging</i> | PC                                   | 6,000.00<br>39482<br>7/14/2016  |
| <b>TOTAL</b>                                                                                                                                                                                                           |                                      | <b>\$25,641,351</b>             |

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| <b>(A) Career Development of Postdoctoral Scientists</b>                                                                                                                 |                                       |                       |                  |
| <b>Marine Biological Laboratory (MBL)</b>                                                                                                                                |                                       |                       |                  |
| Dr. William Reznikoff, Ph.D.                                                                                                                                             | PC                                    | 90,000 00             |                  |
| Woods Hole, MA                                                                                                                                                           |                                       | 38595                 |                  |
| <i>Support for the Embryology. Concepts &amp; Techniques in Modern Developmental Biology course</i>                                                                      |                                       |                       | 3/15/2016        |
| <b>Research!America</b>                                                                                                                                                  |                                       |                       |                  |
| Ms. Mary Woolley                                                                                                                                                         | PC                                    | 50,000 00             |                  |
| Alexandria, VA                                                                                                                                                           |                                       | 39341                 |                  |
| <i>Support for the Research!America Internship Program 2012-2017</i>                                                                                                     |                                       |                       | 7/14/2016        |
| <b>Society for Neuroscience</b>                                                                                                                                          |                                       |                       |                  |
| Mr. Martin Saggese                                                                                                                                                       | PC                                    | 25,000 00             |                  |
| Washington, DC                                                                                                                                                           |                                       | 37644                 |                  |
| <i>Support for trainee professional development awards to the Society of Neuroscience's annual meeting, Chicago, Illinois, October 17-21, 2015</i>                       |                                       |                       | 9/15/2015        |
| <b>Gordon Research Conferences</b>                                                                                                                                       |                                       |                       |                  |
| Dr. Shu-ou Shan, Ph.D.                                                                                                                                                   | PC                                    | 5,000 00              |                  |
| <i>Support for the GRC on Protein Transport Across Cell Membranes, Galveston, Texas, March 6-11, 2016</i>                                                                |                                       | 37978                 |                  |
|                                                                                                                                                                          |                                       |                       | 11/12/2015       |
| <b>Keystone Symposia</b>                                                                                                                                                 |                                       |                       |                  |
| Dr. Irene P. Ricks, Ph.D.                                                                                                                                                | PC                                    | 10,000 00             |                  |
| Silverthorne, CO                                                                                                                                                         |                                       | 37982                 |                  |
| <i>Support for underrepresented early career scientist travel award and fellows program</i>                                                                              |                                       |                       | 11/12/2015       |
| <b>American Society for Cell Biology</b>                                                                                                                                 |                                       |                       |                  |
| Dr. Desirée L. Salazar, Ph.D.                                                                                                                                            | PC                                    | 27,500 00             |                  |
| Bethesda, MD                                                                                                                                                             |                                       | 37799                 |                  |
| <i>Support for the Minorities Affairs Committee (MAC) and Women in Cell Biology (WICB) activities at the annual meeting, San Diego, California, December 12-16, 2015</i> |                                       |                       | 10/15/2015       |
| <b>(A) Communications/Science Writing</b>                                                                                                                                |                                       |                       |                  |
| <b>Council for the Advancement of Science Writing</b>                                                                                                                    |                                       |                       |                  |
| Ms. Rosalind Reid                                                                                                                                                        | PC                                    | 25,000.00             |                  |
| Hedgesville, WV                                                                                                                                                          |                                       | 38888                 |                  |
| <i>Support for the World Conference of Science Journalists Planning and Program Development</i>                                                                          |                                       |                       | 4/14/2016        |
| <b>Science Spark</b>                                                                                                                                                     |                                       |                       |                  |
| Ms. Darlene Cavalier                                                                                                                                                     | PC                                    | 13,500 00             |                  |
|                                                                                                                                                                          |                                       | 38969                 |                  |

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| Encinitas, CA<br>Support the presence of SciStarter at live events across the U.S          |                                       | 5/12/2016                        |
| <b>Food and Environment Reporting Network (FERN)</b>                                       |                                       |                                  |
| Ms Cynthia Graber<br>Somerville, MA                                                        | PC                                    | 10,000.00<br>38673<br>3/15/2016  |
| <b>Gastropod Coverage of Biomedical Research</b>                                           |                                       |                                  |
| <b>The Story Collider</b>                                                                  |                                       |                                  |
| Ms Liz Neeley<br>Washington, DC                                                            | PC                                    | 10,000.00<br>38892<br>4/14/2016  |
| <b>Workshop Development: The Art and Science of Storytelling for Science Communication</b> |                                       |                                  |
| <b>National Public Radio</b>                                                               |                                       |                                  |
| Ms Tanya K. Blue<br>Washington, DC                                                         | PC                                    | 50,000.00<br>37651<br>9/15/2015  |
| <b>Support for Science Desk programming</b>                                                |                                       |                                  |
| <b>Open Notebook</b>                                                                       |                                       |                                  |
| Ms Siri Janet Carpenter, Ph.D<br>Madison, WI                                               | PC                                    | 25,000.00<br>37981<br>11/12/2015 |
| <b>TON/BWF Fellowship for Early-Career Science Journalists</b>                             |                                       |                                  |
| <b>(A) Communications/Science Writing</b>                                                  |                                       |                                  |
| <b>Regents of the University of California</b>                                             |                                       |                                  |
| Ms Lisa White<br>CA                                                                        | PC                                    | 20,000.00<br>37650<br>9/15/2015  |
| <b>Support for the Coalition for the Public Understanding of Science (COPUS) for 2015</b>  |                                       |                                  |
| <b>(A) Diversity in Science</b>                                                            |                                       |                                  |
| <b>Duke University</b>                                                                     |                                       |                                  |
| Dr Sherlynn J Black, Ph D<br>Durham, NC                                                    | PC                                    | 5,000.00<br>39632<br>8/15/2016   |
| <b>Duke BioCoRE Annual Symposium- "Bi-Directional Mentoring"</b>                           |                                       |                                  |
| <b>University of North Carolina-Chapel Hill</b>                                            |                                       |                                  |
| Mr. Michael T Crimmins<br>Chapel Hill, NC                                                  | PC                                    | 25,000.00<br>38974<br>5/12/2016  |
| <b>Chancellor's Science Scholars BW Fund Undergraduate Research Fellowships</b>            |                                       |                                  |
| <b>(A) Diversity in Science</b>                                                            |                                       |                                  |
| <b>University of California-Santa Cruz Foundation</b>                                      |                                       |                                  |
| Mr Teel Lopez<br>Santa Cruz, CA                                                            | PC                                    | 5,000.00<br>39489<br>7/14/2016   |

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| <i>Support for diversity and activities within the Department of Molecular, Cellular, and Developmental Biology which may contribute to an excellent and inclusive workforce, in lieu of honorarium for Dr. Cliff Poodry</i> |                                       |                                 |
| <b>(A) General Education Grant</b><br><b>Greene County Schools</b><br>Dr. Frank Creech, Ed D<br>Snow Hill, NC<br><i>Real World Youth Leadership Empowerment Strategies</i>                                                   | GOV                                   | 10,000.00<br>38359<br>1/15/2016 |
| <b>North Carolina Society of Hispanic Professionals</b><br>Mr. Marco A Zarate<br>Chapel Hill, NC<br><i>Support for the annual Hispanic Education Summit</i>                                                                  | PC                                    | 3,000.00<br>38360<br>1/15/2016  |
| <b>Grantmakers for Education</b><br>Ms. Ana Tilton<br>Portland, OR<br><i>Support for 2016-17</i>                                                                                                                             | PC                                    | 3,500.00<br>39640<br>8/15/2016  |
| <b>(A) General Philanthropy Council on Foundations</b><br>Ms. Vikki Spruill<br>Washington, DC<br><i>General support</i>                                                                                                      | PC                                    | 23,500.00<br>38973<br>5/12/2016 |
| <b>(A) General Philanthropy Foundation Center</b><br>Ms. Nancy Albilal<br>New York, NY<br><i>General support for 2015-16</i>                                                                                                 | PC                                    | 7,500.00<br>37979<br>11/12/2015 |
| <b>Stanford University</b><br>Dr. Heideh Fattaey<br>CA<br><i>Support for Bio-X for the summer of 2016 undergraduate fellowship program</i>                                                                                   | PC                                    | 20,000.00<br>38971<br>5/12/2016 |
| <b>Health Research Alliance, Inc. (HRA)</b><br>Dr. Maryrose E. Franko, Ph.D.<br>Research Triangle Park, NC<br><i>Support for the gHRAsp database</i>                                                                         | PC                                    | 12,500.00<br>38361<br>1/15/2016 |

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| <b>(A) General Philanthropy</b>                                                                                                                                   |                                       |                                 |
| <b>Queen's University</b>                                                                                                                                         |                                       |                                 |
| Dr. A. M. Herzberg                                                                                                                                                | GOV                                   | 2,500.00                        |
| Kingston, ON                                                                                                                                                      |                                       | 39487                           |
| Canada                                                                                                                                                            |                                       | 7/14/2016                       |
| <i>Support for the publication of the proceedings of the Conferences on Statistics, Science and Public Policy</i>                                                 |                                       |                                 |
| <b>North Carolina Community Foundation/North Carolina Network of Grantmakers</b>                                                                                  |                                       |                                 |
| Ms. Ret Boney                                                                                                                                                     | PC                                    | 3,200.00                        |
| Raleigh, NC                                                                                                                                                       |                                       | 39634                           |
| <i>Support for 2016-17</i>                                                                                                                                        |                                       | 8/15/2016                       |
| <b>Marine Biological Laboratory (MBL)</b>                                                                                                                         |                                       |                                 |
| Dr. Huntington Willard, Ph D.                                                                                                                                     | PC                                    | 5,000.00                        |
| Woods Hole, MA                                                                                                                                                    |                                       | 39630                           |
| <i>Support for the Pamela Clapp Hinkle Community Fund</i>                                                                                                         |                                       | 8/15/2016                       |
| <b>(A) Infectious Disease - Career Development</b>                                                                                                                |                                       |                                 |
| <b>University of New Brunswick</b>                                                                                                                                |                                       |                                 |
| Dr. Mihaela Harnos, Ph D.                                                                                                                                         | PC                                    | 5,000.00                        |
| Canada                                                                                                                                                            |                                       | 37983                           |
| <i>Support for the Canadian Association of Postdoctoral Administrators (CAPA/ACAP) 4th Annual Conference held October 29-30, 2015 in Calgary, Alberta, Canada</i> |                                       | 11/12/2015                      |
| <b>Children's Science Center</b>                                                                                                                                  |                                       |                                 |
| Ms Adalene Spivy                                                                                                                                                  | PC                                    | 1,000.00                        |
| VA                                                                                                                                                                |                                       | 39202                           |
| <i>Support for the Children's Science Center in Herndon, Virginia in lieu of honorarium to Dr Maryrose Franko</i>                                                 |                                       | 6/15/2016                       |
| <b>(A) Infectious Disease - Career Development</b>                                                                                                                |                                       |                                 |
| <b>American Society for Microbiology</b>                                                                                                                          |                                       |                                 |
| Ms Amy L Chang                                                                                                                                                    | PC                                    | 25,000.00                       |
| Washington, DC                                                                                                                                                    |                                       | 38353                           |
| <i>Support for the American Society for Microbiology (ASM) Kadner Institute and the ASM Scientific Writing and Publishing Institute</i>                           |                                       | 1/15/2016                       |

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| <b>National Academy of Sciences</b><br>Dr. Thomas Rudin<br>500 5th Street, N.W.<br>Washington, DC 20001<br><i>Support for a two-year grant to study current and future needs for graduate-level education at the masters and Ph D. levels in science, technology, engineering, and mathematics (STEM) in the United States</i>                            | PC                                            | 25,000.00<br>39191<br>6/15/2016         |
| <b>Medical University of South Carolina</b><br>Ms Jamie Mills<br>Charleston, SC<br><i>Support for the 3rd Annual Symposium for Advocates of Women Physician Scientists held at the Medical University of South Carolina May 14, 2016</i>                                                                                                                  | GOV                                           | 3,500.00<br>38482<br>2/16/2016          |
| <b>University of Western Ontario</b><br>Dr. Nafisa M. Jadavji, Ph.D<br>London, ON<br>Canada<br><i>Support to hire a writer to work full time with the Canadian Association for Postdoctoral Scholars (CAPS) over four months in order to develop a high quality final report for the data collected in a 2016 National Survey of postdoctoral fellows</i> | PC                                            | 5,000.00<br>38664<br>3/15/2016          |
| <b>(A) Infectious Diseases - General</b><br><b>Harvard University</b><br>Dr. John J. Mekalanos, Ph.D.<br>Harvard Medical School, MBIB<br>77 Avenue Louis Pasteur, Suite 1035<br>Boston, MA 02115<br><i>Support for travel to the "Bacterial Protein Secretion" conference November 9-12, 2016 in St. Petersburg, Florida</i>                              | PC                                            | 1,500.00<br>39435<br>7/14/2016          |
| <b>Vanderbilt University</b><br>Dr. Terence S. Dermody, M.D.<br>Nashville, TN<br><i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, David Weiss, to present a seminar at Vanderbilt University</i>                                                                                                                            | PC                                            | 1,000.00<br>38675<br>3/15/2016          |

**(A) Infectious Diseases - General**

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| <b>New York University School of Medicine</b>                                                                                                                                 | PC                                    | 1,000.00                        |
| Dr. Ken Cadwell, Ph D.<br>New York, NY                                                                                                                                        |                                       | 38363<br>1/15/2016              |
| <i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Denise Monack, to present a seminar at New York University</i>         |                                       |                                 |
| <b>New York University School of Medicine</b>                                                                                                                                 | PC                                    | 1,000.00                        |
| Dr. Victor J. Torres, Ph D<br>New York, NY                                                                                                                                    |                                       | 38676<br>3/15/2016              |
| <i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Dr. Erik Skaar, to present a seminar at New York University</i>                                |                                       |                                 |
| <b>New York University School of Medicine</b>                                                                                                                                 | PC                                    | 1,000.00                        |
| Dr. K. Heran Darwin, Ph.D.<br>New York, NY                                                                                                                                    |                                       | 38677<br>3/15/2016              |
| <i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Kim Orth, to present a seminar at New York University on May 12, 2016</i>                      |                                       |                                 |
| <b>Iowa State University</b>                                                                                                                                                  | GOV                                   | 6,000.00                        |
| Dr. Richard J Martin, BVSc, PhD, DSc<br>Ames, IA                                                                                                                              |                                       | 37961<br>11/12/2015             |
| <i>Support for the biannual symposia: Anthelmintics-From Discovery to Resistance held in San Diego, California February 2016</i>                                              |                                       |                                 |
| <b>(A) Infectious Diseases - General</b>                                                                                                                                      |                                       |                                 |
| <b>Stanford University</b>                                                                                                                                                    | PC                                    | 1,000.00                        |
| Denise M. Monack, Ph.D.<br>CA                                                                                                                                                 |                                       | 39439<br>7/14/2016              |
| <i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Dr. Vanessa Sperandio, to present a seminar at Stanford University</i> |                                       |                                 |
| <b>(A) Infectious Diseases - General</b>                                                                                                                                      |                                       |                                 |
| <b>Stanford University</b>                                                                                                                                                    | PC                                    | 1,000.00                        |
| Dr. John C Boothroyd, Ph D.<br>CA                                                                                                                                             |                                       | 39440<br>7/14/2016              |
| <i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease Awardee, Dr. John MacMicking, to present a seminar at Stanford University</i>   |                                       |                                 |
| <b>Stanford University</b>                                                                                                                                                    | PC                                    | 1,000.00                        |
| Dr. Justin L. Sonnenburg, Ph D.<br>CA                                                                                                                                         |                                       | 39441<br>7/14/2016              |
| <i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease Awardee, Dr. Anna Bakardjev, to present a seminar at Stanford University</i>    |                                       |                                 |

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| <b>Stanford University</b>                                                                                                                                                                                               | PC                                    | 1,000.00<br>39442<br>7/14/2016  |
| Dr. David S. Schneider, Ph D<br>CA<br>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease<br>Awardee, Dr. Julie Blander, to present a seminar at Stanford University              |                                       |                                 |
| <b>Stanford University</b>                                                                                                                                                                                               | PC                                    | 1,000.00<br>39443<br>7/14/2016  |
| Dr. Matthew S. Bogyo, Ph D<br>CA<br>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease<br>Awardee, Dr. Sara Cherry, to present a seminar at Stanford University                  |                                       |                                 |
| <b>Trustees of Princeton University</b>                                                                                                                                                                                  | PC                                    | 1,500.00<br>39494<br>7/14/2016  |
| Dr. Thomas J. Silhavy, Ph.D.<br>Princeton, NJ<br>Support for travel to the "Bacterial Protein Secretion" conference November 9-12, 2016 in St. Petersburg, Florida                                                       |                                       |                                 |
| <b>(A) Infectious Diseases - General</b>                                                                                                                                                                                 |                                       |                                 |
| <b>American Society for Microbiology</b>                                                                                                                                                                                 | PC                                    | 6,000.00<br>38663<br>3/15/2016  |
| Denise M. Monack, Ph D.<br>Washington, DC<br>Support for the 2016 American Society for Microbiology Conference on Salmonella held August 29-September 1, 2016 in Potsdam, Germany                                        |                                       |                                 |
| <b>American Society for Microbiology</b>                                                                                                                                                                                 | PC                                    | 10,000.00<br>39626<br>8/15/2016 |
| Spencer Nyholm, Ph D.<br>Washington, DC<br>Support for the sixth American Society for Microbiology Conference on Beneficial Microbes, which will be held September 9-12, 2016, at the Motif Hotel in Seattle, Washington |                                       |                                 |
| <b>Regents of the University of California</b>                                                                                                                                                                           | PC                                    | 43,000.00<br>39198<br>6/15/2016 |
| Dr. Andrew G. Dillin, Ph.D.<br>CA<br>Support for the BWF/HHMI partnership veterinary student training program fellow Rebekah Packer                                                                                      |                                       |                                 |
| <b>(A) Infectious Diseases - General</b>                                                                                                                                                                                 |                                       |                                 |
| <b>Regents of the University of California</b>                                                                                                                                                                           | PC                                    | 20,000.00<br>39636<br>8/15/2016 |
| Dr. James H. McKerrrow, M.D., Ph.D.<br>CA                                                                                                                                                                                |                                       |                                 |

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| <i>Support for the renewal of funding for the Helminth Parasite Molecular Toolbox travel awards for 2016-2017</i>                                                                                                                                                                                                                        |                                       |                                  |
| <b>Regents of the University of California</b><br>Dr Manuela Raffatellu, M.D.<br>CA<br><i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Juliane Bubeck-Wardenburg, to present a seminar at the University of California-Irvine</i>                                                 | PC                                    | 1,000.00<br>38178<br>12/15/2015  |
| <b>Regents of the University of California</b><br>Dr Anna I Bakardjiev, M.D.<br>CA<br><i>Support for the Bay Area Microbial Pathogenesis Symposium XIX held March 19, 2016 at the University of California-San Francisco</i>                                                                                                             | PC                                    | 5,000.00<br>38671<br>3/15/2016   |
| <b>(A) Infectious Diseases - General</b><br><b>University of Texas-Austin</b><br>Dr. Christopher S. Sullivan, Ph.D.<br>Austin, TX<br><i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Dr Ben tenOever, to present a seminar at the University of Texas-Austin in November 2016</i> | PC                                    | 1,000.00<br>39496<br>7/14/2016   |
| <b>Boston Children's Hospital/Harvard Medical School</b><br>Dr. Gil Alterovitz, Ph D.<br>Boston, MA<br><i>Support for TBResist a consortium housed at Boston Children's Hospital in the laboratory of Dr. Gil Alterovitz primarily in the analysis of the TBResist aggregated database</i>                                               | PC                                    | 25,000 00<br>37976<br>11/12/2015 |
| <b>(A) Infectious Diseases - General</b><br><b>Grants Managers Network</b><br>Ms Michelle L. Greanias<br>Washington, DC<br><i>Support for the Grants Managers Network (GMN); the nationwide affinity group for grants managers, providing members with valuable opportunities for professional development</i>                           | PC                                    | 3,500.00<br>39635<br>8/15/2016   |
| <b>(A) Infectious Diseases - General</b><br><b>Association for Women in Science</b><br>Ms Cynthia L. Simpson, CAE, M Ed.<br>Washington, DC                                                                                                                                                                                               | PC                                    | 5,000 00<br>38354<br>1/15/2016   |

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| <i>Support for renewal of Burroughs Wellcome Fund's Association for Women in Science partnership dues for 2016</i>                                                                                        |                                       |                                 |
| <b>American Society of Tropical Medicine and Hygiene</b>                                                                                                                                                  | PC                                    | 18,000.00                       |
| Ms. Karen Goraleski                                                                                                                                                                                       |                                       | 39623                           |
| Oakbrook Terrace, IL                                                                                                                                                                                      |                                       | 8/15/2016                       |
| <i>Support for the American Committee of Molecular, Cellular and Immunoparasitology's scientific program at the November 2016 Annual Meeting of the American Society of Tropical Medicine and Hygiene</i> |                                       |                                 |
| <b>(A) Infectious Diseases - General</b>                                                                                                                                                                  |                                       |                                 |
| <b>American Society of Tropical Medicine and Hygiene</b>                                                                                                                                                  | PC                                    | 30,000.00                       |
| Ms. Karen Goraleski                                                                                                                                                                                       |                                       | 37794                           |
| Oakbrook Terrace, IL                                                                                                                                                                                      |                                       | 10/15/2015                      |
| <i>Support for general meeting support of the 64th Annual Meeting of the American Society of Tropical Medicine and Hygiene in Philadelphia, Pennsylvania October 25-29, 2015</i>                          |                                       |                                 |
| <b>American Society of Tropical Medicine and Hygiene</b>                                                                                                                                                  | PC                                    | 402,000.00                      |
| Ms. Karen Goraleski                                                                                                                                                                                       |                                       | 39361                           |
| Oakbrook Terrace, IL                                                                                                                                                                                      |                                       | 7/14/2016                       |
| <i>Support for the Burroughs Wellcome Fund/American Society of Tropical Medicine and Hygiene Fellowship for three years 2014-2017</i>                                                                     |                                       |                                 |
| <b>University of Nebraska Medical Center</b>                                                                                                                                                              | GOV                                   | 5,000.00                        |
| Dr. Craig D Ellermeier, Ph.D.                                                                                                                                                                             |                                       | 39192                           |
| Omaha, NE                                                                                                                                                                                                 |                                       | 6/15/2016                       |
| <i>Support for the 6th Annual International Conference on Gram-Positive Pathogens (ICGPP) held October 8-12, 2016 in Omaha, Nebraska</i>                                                                  |                                       |                                 |
| <b>Ohio State University</b>                                                                                                                                                                              | GOV                                   | 6,000.00                        |
| Dr. Patrick Green, Ph.D.                                                                                                                                                                                  |                                       | 38666                           |
| Columbus, OH                                                                                                                                                                                              |                                       | 3/15/2016                       |
| <i>Support for the 2016 Merit-NIH National Veterinary Scholar Symposium July 28-31, 2016 at The Ohio State University</i>                                                                                 |                                       |                                 |
| <b>Ohio State University</b>                                                                                                                                                                              | GOV                                   | 50,000.00                       |
| Dr. Patrick Green, Ph.D.                                                                                                                                                                                  |                                       | 38672                           |
| Columbus, OH                                                                                                                                                                                              |                                       | 3/15/2016                       |
| <i>Support for the Burroughs Wellcome Fund "Becoming Faculty: a short course on launching a scientific career" held in conjunction with the 27th Merit-NIH Veterinary Scholars Symposium</i>              |                                       |                                 |

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| <i>hosted by Ohio State University July 28-31, 2016</i>                                                                                                                                |                                       |                                 |
| <b>(A) Infectious Diseases - General</b>                                                                                                                                               |                                       |                                 |
| <b>Harvard Medical School</b>                                                                                                                                                          |                                       |                                 |
| Dr. Tom Rapoport                                                                                                                                                                       | PC                                    | 1,500.00                        |
| Boston, MA                                                                                                                                                                             |                                       | 39492                           |
| Support for travel to the "Bacterial Protein Secretion" conference November 9-12, 2016 in St Petersburg, Florida                                                                       |                                       | 7/14/2016                       |
| <b>Marine Biological Laboratory (MBL)</b>                                                                                                                                              |                                       |                                 |
| Ms Mary Loftus                                                                                                                                                                         | PC                                    | 175,000.00                      |
| Woods Hole, MA                                                                                                                                                                         |                                       | 39377                           |
| Support for the Biology of Parasitism (BoP) course at the Marine Biological Laboratory over a four-year period, 2015-2019                                                              |                                       | 7/14/2016                       |
| <b>Marine Biological Laboratory (MBL)</b>                                                                                                                                              |                                       |                                 |
| Dr. Damian Krysan, M.D., Ph.D.                                                                                                                                                         | PC                                    | 5,000.00                        |
| Woods Hole, MA                                                                                                                                                                         |                                       | 38669                           |
| Support for a one day symposium to celebrate the 20th Molecular Mycology course at the Marine Biological Laboratory at Woods Hole, Massachusetts June 26, 2016                         |                                       | 3/15/2016                       |
| <b>(A) Infectious Diseases - General</b>                                                                                                                                               |                                       |                                 |
| <b>Memorial Sloan-Kettering Cancer Center</b>                                                                                                                                          |                                       |                                 |
| Dr. Tobias Martin Hohl, M.D., Ph.D.                                                                                                                                                    | PC                                    | 1,000.00                        |
| Dept. of Medicine                                                                                                                                                                      |                                       | 39627                           |
| Box 551, 1275 York Ave.                                                                                                                                                                |                                       | 8/15/2016                       |
| New York, NY 10065                                                                                                                                                                     |                                       |                                 |
| Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Dr. Sing Sing Way, to present a seminar at Memorial Sloan-Kettering Cancer Center  |                                       |                                 |
| <b>University of Texas Southwestern Medical Center-Dallas</b>                                                                                                                          |                                       |                                 |
| Dr. Vanessa Sperandio, Ph.D.                                                                                                                                                           | GOV                                   | 1,000.00                        |
| Dallas, TX                                                                                                                                                                             |                                       | 37977                           |
| Support for Investigator of Pathogenesis of Infectious Disease awardee, Manuela Raffatellu, MD., to present a seminar at the University of Texas Southwestern Medical Center           |                                       | 11/12/2015                      |
| <b>University of Texas Southwestern Medical Center-Dallas</b>                                                                                                                          |                                       |                                 |
| Dr. Julie K. Pfeiffer, Ph.D.                                                                                                                                                           | GOV                                   | 1,000.00                        |
| Dallas, TX                                                                                                                                                                             |                                       | 37986                           |
| Support for Investigator in the Pathogenesis of Infectious Disease awardee, Blossom Damania, Ph.D., to present a seminar at the University of Texas Southwestern Medical Center-Dallas |                                       | 11/12/2015                      |
| <b>Vanderbilt University Medical Center</b>                                                                                                                                            |                                       |                                 |
|                                                                                                                                                                                        | PC                                    | 5,000.00                        |

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| Dr. David M. Aronoff, M.D.<br>Nashville, TN<br><i>Support for the biennial Congress of the Anaerobe Society of the Americas (ASA), ANAEROBE 2016 Congress July 11-14, 2016 in Nashville, Tennessee</i>                                                                                                                                                 |                                       | 38174                 | 12/15/2015       |
| <b>Vanderbilt University Medical Center</b><br>Dr. David M. Aronoff, M.D.<br>Nashville, TN<br><i>Support for Burroughs Wellcome Fund (BWF) Investigator in the Pathogenesis of Infectious Disease awardee, Dr. Anna Bakardjiev, to present a seminar at Vanderbilt University</i>                                                                      | PC                                    | 1,000.00<br>37989     | 11/12/2015       |
| <b>(A) Infectious Diseases - General</b><br><b>University of British Columbia</b><br>Dr. Natalie C. Strynadka, Ph D.<br>Vancouver, BC<br>Canada<br><i>Support for travel to the "Bacterial Protein Secretion" conference November 9-12, 2016 in St. Petersburg, Florida</i>                                                                            | PC                                    | 1,500.00<br>39625     | 8/15/2016        |
| <b>University of Colorado-Denver</b><br>Dr. Richard E. Davis, Ph D.<br>Denver, CO<br><i>Support for the 2016 Molecular and Cellular Biology of Helminth Parasites Conference September 4-9, 2016 in Hydra, Greece</i>                                                                                                                                  | PC                                    | 5,000.00<br>38661     | 3/15/2016        |
| <b>University of Texas Southwestern Medical Center-Dallas</b><br>Dr. Neal M. Alto, Ph D<br>Dallas, TX<br><i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Emily Troemel, to present a seminar in the University of Texas Southwestern Medical Center's Molecular Microbiology Seminar Series</i> | PC                                    | 1,000.00<br>38176     | 12/15/2015       |
| <b>University of Texas Southwestern Medical Center-Dallas</b><br>Dr. Vanessa Sperandio, Ph.D<br>Dallas, TX<br><i>Support for Dr. Eric Skaar to present a seminar at the University of Texas Southwestern Medical Center-Dallas during the 2016/2017 seminar series</i>                                                                                 | PC                                    | 1,000.00<br>39639     | 8/15/2016        |
| <b>Scripps Research Institute</b><br>Dr. Erica O. Saphire, Ph D.<br>La Jolla, CA                                                                                                                                                                                                                                                                       | PC                                    | 1,000.00<br>39203     | 6/15/2016        |

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| <i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Dr. Sean Whelan of Harvard Medical School, to present a seminar at Scripps Research Institute</i> |                                       |                                 |
| <b>(A) Infectious Diseases - General</b>                                                                                                                                         |                                       |                                 |
| <b>Cornell University</b>                                                                                                                                                        |                                       |                                 |
| Dr. John S. Parker, BVMS, Ph.D.<br>Ithaca, NY                                                                                                                                    | PC                                    | 15,000.00<br>39629<br>8/15/2016 |
| <i>Support for the expenses associated with organizing the Burroughs Wellcome Fund 'Becoming Faculty' workshop July 28-30, 2016 at The Ohio State University, Columbus, Ohio</i> |                                       |                                 |
| <b>Genetics Society of America</b>                                                                                                                                               |                                       |                                 |
| Dr. Adam P. Fagen, Ph.D.                                                                                                                                                         | PC                                    | 10,000.00<br>38665<br>3/15/2016 |
| <i>Support for The Allied Genetics Conference (TAGC) July 13-17, 2016 at the Orlando World Center Marriott in Orlando Florida</i>                                                |                                       |                                 |
| <b>Biomedical Research Institute</b>                                                                                                                                             |                                       |                                 |
| Dr. Michael Hsieh, M.D., Ph.D.                                                                                                                                                   | PC                                    | 6,000.00<br>38352<br>1/15/2016  |
| <i>Support for The Symposium for International Research and Innovations in Schistosomiasis (SIRIS) in Washington, DC February 3-4, 2016</i>                                      |                                       |                                 |
| <b>Yale University</b>                                                                                                                                                           |                                       |                                 |
| Dr. Jorge E. Galan, D.V.M., Ph.D.<br>New Haven, CT                                                                                                                               | PC                                    | 1,500.00<br>39495<br>7/14/2016  |
| <i>Support for travel to the "Bacterial Protein Secretion" conference November 9-12, 2016 in St. Petersburg, Florida</i>                                                         |                                       |                                 |
| <b>(A) Infectious Diseases - General</b>                                                                                                                                         |                                       |                                 |
| <b>Trustees of the Tufts University</b>                                                                                                                                          |                                       |                                 |
| Dr. Brigitte T. Huber, Ph.D.<br>Boston, MA                                                                                                                                       | PC                                    | 1,000.00<br>37987<br>11/12/2015 |
| <i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Dan Stetson, Ph.D., to present a seminar at Tufts University</i>          |                                       |                                 |
| <b>Trustees of the Tufts University</b>                                                                                                                                          |                                       |                                 |
| Dr. Ekaterina Heldwein, Ph.D.<br>Boston, MA                                                                                                                                      | PC                                    | 1,000.00<br>38489<br>2/16/2016  |
| <i>Support for Investigator in the Pathogenesis of Infectious Disease advisory committee member, Margaret Kiellian, PhD, to present a seminar at Tufts University</i>            |                                       |                                 |
| <b>Icahn School of Medicine at Mount Sinai</b>                                                                                                                                   |                                       |                                 |
|                                                                                                                                                                                  | PC                                    | 1,000.00                        |

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| Dr Benjamin R tenOever, Ph D.<br>New York, NY<br>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Jesse Bloom, Ph.D , to present a seminar at the Icahn School of Medicine                                                                                                                                          |                                       | 39200<br>6/15/2016              |                  |
| <b>Trustees of the University of Pennsylvania</b><br>Dr Phillip A Scott, Ph.D.<br>Philadelphia, PA<br>Support for the BWF/HHMI partnership veterinary student training program fellow Megan Clark                                                                                                                                              | PC                                    | 43,000.00<br>39197<br>6/15/2016 |                  |
| <b>Gordon Research Conferences</b><br>Dr. Pradipsinh K. Rathod, Ph.D.<br>Support for the 2016 Gordon Research Conference on Drug Resistance June 13-17, 2016 at the University of New England in Biddeford, Maine                                                                                                                              | PC                                    | 5,000.00<br>38891<br>4/14/2016  |                  |
| <b>Gordon Research Conferences</b><br>Dr. Kasturi Halder, Ph.D.<br>Support for the 2016 Host-Parasite Interactions Gordon Conference June 12-17, 2016 at Salva Regina College in Newport, Rhode Island                                                                                                                                         | PC                                    | 6,000.00<br>38662<br>3/15/2016  |                  |
| <b>(A) Infectious Diseases - General</b><br><b>University of North Carolina-Chapel Hill</b><br>Dr. William E. Goldman, Ph D.<br>Chapel Hill, NC<br>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease Awardee, Dr. Carolyn Coyne, to present a seminar at the University of North Carolina-Chapel Hill | PC                                    | 1,000.00<br>39444<br>7/14/2016  |                  |
| <b>(A) Infectious Diseases - General</b><br><b>University of North Carolina-Chapel Hill</b><br>Dr. William E. Goldman, Ph.D.<br>Chapel Hill, NC<br>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease Awardee, Dr. Carolyn Coyne, to present a seminar at the University of North Carolina-Chapel Hill | PC                                    | 1,000.00<br>39502<br>7/14/2016  |                  |
| <b>University of North Carolina-Chapel Hill</b><br>Dr. Miriam Braunstein, Ph.D.<br>Chapel Hill, NC<br>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease Awardee, Dr. Kelly Doran, to present a seminar at the University of North Carolina-Chapel Hill                                                | PC                                    | 1,000.00<br>39445<br>7/14/2016  |                  |
| <b>University of North Carolina-Chapel Hill</b><br>Dr Blossom Damanian, Ph.D.<br>Chapel Hill, NC<br>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease                                                                                                                                                 | PC                                    | 1,000.00<br>39446<br>7/14/2016  |                  |

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| <i>Awardee, Dr Ren Sun, to present a seminar at the University of North Carolina-Chapel Hill</i>                                                                                                                                                                                     |                                       |                                 |
| <b>(A) Infectious Diseases - General</b>                                                                                                                                                                                                                                             |                                       |                                 |
| <b>Trustees of the University of Pennsylvania</b>                                                                                                                                                                                                                                    |                                       |                                 |
| Dr DeBroski R. Herbert, Ph D.<br>Philadelphia, PA<br>Support for the 20th annual Woods Hole Immunoparasitology (WHIP) Meeting April 18-21, 2016<br>in Cape Cod, Massachusetts                                                                                                        | PC                                    | 15,000.00<br>38641<br>3/15/2016 |
| <b>Gordon Research Conferences</b>                                                                                                                                                                                                                                                   |                                       |                                 |
| Dr Virginia Miller, Ph D.<br>Support for the Gordon Research Conference "Microbial Pathogenesis: Mechanisms of Infectious Disease and its companion Gordon Research Seminar "Defining Pathogenesis and the Host-Microbe Dynamic" July 9-15. 2016 in Waterville Valley, New Hampshire | PC                                    | 6,000.00<br>38175<br>12/15/2015 |
| <b>Regents of the University of Minnesota</b>                                                                                                                                                                                                                                        |                                       |                                 |
| Dr. Kirsten Nielsen, Ph D<br>Minneapolis, MN<br>Support for the Second European Molecular Biology Organization Workshop on AIDS-related Mycoses in Cape Town, Africa July 13-15, 2016                                                                                                | PC                                    | 8,000.00<br>38667<br>3/15/2016  |
| <b>(A) Infectious Diseases - General</b>                                                                                                                                                                                                                                             |                                       |                                 |
| <b>Trustees of Boston University</b>                                                                                                                                                                                                                                                 |                                       |                                 |
| Dr David M Gillerman<br>Boston, MA<br>Support for the National Emerging Infectious Diseases Laboratories (NEIDL) symposium "Emerging Infectious Diseases from A to Z. Emerging Challenges and Opportunities" September 18-20, 2016 at Boston University                              | PC                                    | 15,000.00<br>38670<br>3/15/2016 |
| <b>University of Massachusetts</b>                                                                                                                                                                                                                                                   |                                       |                                 |
| Dr. Li-Jun Ma, Ph D<br>MA<br>Support for New Investigator in Molecular Parasitology, Eric Pearlman, Ph.D., to present a seminar at the University of Massachusetts                                                                                                                   | PC                                    | 1,000.00<br>37798<br>10/15/2015 |
| <b>American Society for Microbiology</b>                                                                                                                                                                                                                                             |                                       |                                 |
| Dr. Theodore C White, Ph.D.<br>Washington, DC<br>Support for the American Society for Microbiology's 13th Conference on Candida and Candidiasis which will be held from April 13 to April 17, 2016 at the Seattle Sheraton in Seattle, Washington                                    | PC                                    | 6,000.00<br>37975<br>11/12/2015 |
| <b>(A) Interfaces in Science</b>                                                                                                                                                                                                                                                     |                                       |                                 |
| <b>University of Washington</b>                                                                                                                                                                                                                                                      | GOV                                   | 20,000.00                       |

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| Dr. Eric T. Shea-Brown, Ph.D.<br>Seattle, WA<br>Support for the UW-Allen Institute Research Symposia in Theoretical Neuroscience                                                                                                                                                                        |                                       | 37805<br>10/15/2015             |                  |
| <b>World Molecular Imaging Society</b><br>Susan Arrowsmith Kirk<br>6162 Bristol Parkway<br>Culver City, CA 90230<br>Support for the Synthetic Biology and Reporter Genes (SyBRG) Interest Group Meeting at the World Molecular Imaging Society in September 2016                                        | PC                                    | 5,000.00<br>39622<br>8/15/2016  |                  |
| <b>(A) Interfaces in Science</b><br><b>Aspen Center for Physics</b><br>Dr. Edo L. Kussell, Ph D<br>Aspen, CO<br>Support for conference on "Populations, Evolution, and Physics" the week of January 3, 2016                                                                                             | PC                                    | 10,000.00<br>37645<br>9/15/2015 |                  |
| <b>New York Stem Cell Foundation</b><br>Ms. Kristin Smith<br>1995 Broadway, Suite 600<br>New York, NY 10023<br>Support for an internship for an African American college student who will participate in the 10-week internship program, New York Stem Cell Foundation Laboratory in the summer of 2016 | PC                                    | 14,091.00<br>39199<br>6/15/2016 |                  |
| <b>Georgia Tech Research Corporation</b><br>Dr. Daniel I. Goldman, Ph.D.<br>Atlanta, GA<br>Support for the 2015 Southeast Regional meeting of the Society for Integrative and Comparative Biology (rSICB) at Georgia Tech in Atlanta, Georgia on October 12, 2015                                       | SO III FI                             | 5,000.00<br>37648<br>9/15/2015  |                  |
| <b>Georgia Tech Research Corporation</b><br>Dr. Daniel I Goldman, Ph D.<br>Atlanta, GA<br>Support for reception for speakers and co-authors in the "Robophysics: Physics Meets Robotics" sessions at the American Physical Society March Meeting 2016 in Baltimore, Maryland                            | SO III FI                             | 3,500.00<br>39195<br>6/15/2016  |                  |
| <b>Georgia Tech Research Corporation</b><br>Dr. Joshua S. Weitz, Ph.D<br>Atlanta, GA<br>Support for a summer workshop at the interface of statistical physics, microbial ecology, cellular physiology and networks to be held in Lake Como, Italy from June 13-24, 2016                                 | SO III FI                             | 3,500.00<br>38972<br>5/12/2016  |                  |

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| <b>(A) Interfaces in Science</b>                                                                                                                                                                                                             |                                       |                                 |
| <b>Regents of the University of Colorado</b>                                                                                                                                                                                                 |                                       |                                 |
| Dr Zachary Kilpatrick                                                                                                                                                                                                                        | PC                                    | 5,000.00                        |
| Denver, CO                                                                                                                                                                                                                                   |                                       | 39621                           |
| Support for a conference on mathematical neuroscience in 2017 to cover expenses for an invited speaker and student expenses                                                                                                                  |                                       | 8/15/2016                       |
| <b>American Society for Cell Biology</b>                                                                                                                                                                                                     |                                       |                                 |
| Louise Campbell-Blair                                                                                                                                                                                                                        | PC                                    | 15,000.00                       |
| Bethesda, MD                                                                                                                                                                                                                                 |                                       | 37988                           |
| Support for the Special Interest Subgroup Sessions at the 2015 American Society for Cell Biology meeting on December 12th                                                                                                                    |                                       | 11/12/2015                      |
| <b>Duke University</b>                                                                                                                                                                                                                       |                                       |                                 |
| Dr Charles Nunn                                                                                                                                                                                                                              | PC                                    | 5,000.00                        |
| Durham, NC                                                                                                                                                                                                                                   |                                       | 38890                           |
| Support for the Triangle Center for Evolutionary Medicine's Annual Meeting of the International Society for Evolution, Medicine and Public Health to be held in Durham from June 22 to 25, 2016                                              |                                       | 4/14/2016                       |
| <b>Duke University</b>                                                                                                                                                                                                                       |                                       |                                 |
| Gordon Campbell                                                                                                                                                                                                                              | PC                                    | 10,000.00                       |
| Durham, NC                                                                                                                                                                                                                                   |                                       | 38968                           |
| Support for the Statistical and Applied Mathematical Institute's (SAMSI) 2016 Workshop. Methodology for Precision Medicine: Integrating Statistical and Mathematical Approaches                                                              |                                       | 5/12/2016                       |
| <b>Biophysical Society</b>                                                                                                                                                                                                                   |                                       |                                 |
| Rosalba Kampman                                                                                                                                                                                                                              | PC                                    | 25,000.00                       |
| Bethesda, MD                                                                                                                                                                                                                                 |                                       | 37801                           |
| Support for the Biophysical Society's 2016 Annual Meeting in Los Angeles, February 27-March 2, 2016 covering costs for the "Future of Biophysics Burroughs Wellcome Fund Symposium" and two breakfasts hosted by the Early Careers Committee |                                       | 10/15/2015                      |
| <b>(A) Interfaces in Science</b>                                                                                                                                                                                                             |                                       |                                 |
| <b>Marine Biological Laboratory (MBL)</b>                                                                                                                                                                                                    |                                       |                                 |
| Dr. Joan V. Ruderman, Ph.D.                                                                                                                                                                                                                  | PC                                    | 100,000.00                      |
| Woods Hole, MA                                                                                                                                                                                                                               |                                       | 38965                           |
| Support for the "Physiology: Modern Cell Biology Using Microscopic, Biochemical and Computational Approaches" course over three years 2014-2016                                                                                              |                                       | 5/12/2016                       |
| <b>Washington University School of Medicine</b>                                                                                                                                                                                              |                                       |                                 |
|                                                                                                                                                                                                                                              | PC                                    | 5,000.00                        |

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| Gregory R. Bowman, Ph.D.<br>Saint Louis, MO<br>Support for a workshop entitled "The 2016 Workshop on Kinetics and Markov State Models (MSMs) in Drug Design" to be held May 19-20 at the Novartis Institutes for Biomedical Research in Cambridge, Massachusetts                                          |                                       | 38901<br>4/14/2016               |
| <b>(A) Medical Sciences</b>                                                                                                                                                                                                                                                                               |                                       |                                  |
| <b>University of North Carolina-Chapel Hill Lineberger Comprehensive Cancer Center</b><br>Dr. Al S. Baldwin, Ph.D.<br>Chapel Hill, NC<br>Support for the 40th Annual UNC Lineberger Comprehensive Cancer Center Symposium. Molecularly Targeted Cancer Therapies from Bench to Bedside, April 11-12, 2016 | PC                                    | 2,000.00<br>38358<br>1/15/2016   |
| <b>Baylor College of Medicine</b><br>Ms. Sylvia Yvonne Gonzalez<br>Houston, TX<br>Support for the Alexander R. Matzuk 2016-2017 speaker series in lieu of honorarium for CAMS advisory member Martin M. Matzuk, M.D., Ph.D.                                                                               | PC                                    | 5,000.00<br>39638<br>8/15/2016   |
| <b>Chordoma Foundation</b><br>Mr. Josh Sommer<br>Greensboro, NC<br>Support for the fifth International Chordoma Research Workshop, Boston, Massachusetts, July 13-15, 2016                                                                                                                                | PC                                    | 5,000.00<br>39448<br>7/14/2016   |
| <b>American Physician Scientists Association (APSA)</b><br>Ms. Susan Wagner<br>Urbana, IL<br>Support for the APSA annual meeting, Chicago, Illinois, April 15-17, 2016                                                                                                                                    | PC                                    | 30,000.00<br>38356<br>1/15/2016  |
| <b>Tides Foundation</b><br>Ms. Elizabeth Aviles<br>San Francisco, CA<br>Support for the Gairdner 2016 National Program in Canada                                                                                                                                                                          | PC                                    | 20,000.00<br>38900<br>4/14/2016  |
| <b>Association for Clinical and Translational Science</b><br>Dr. Rebecca D. Jackson, M.D.<br>Washington, DC<br>Support for trainee travel to the 2016 Translational Science meeting, Washington, DC, April 13-15,                                                                                         | PC                                    | 20,000.00<br>37803<br>10/15/2015 |
| <b>(A) Medical Sciences</b>                                                                                                                                                                                                                                                                               |                                       |                                  |
| <b>American Foundation for Suicide Prevention</b><br>Dr. Jill Harkavy Friedman, Ph.D.<br>New York, NY                                                                                                                                                                                                     | PC                                    | 5,000.00<br>38975<br>5/12/2016   |

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| Support for AFSP's mission to save lives and bring hope to those affected by suicide in lieu of honorarium for CAMS advisory committee member Sarah H. Lisanby, M.D.<br><b>University of Toronto Faculty of Medicine</b><br>Mr. Chris Adamson<br>Canada<br>Support for the 2015 annual general meeting of CITAC and CSCI, November 23-25, 2015, Toronto, Ontario, Canada | PC                                    | 15,000.00<br>37800    | 10/15/2015       |
| <b>(A) Regulatory Science</b><br><b>National Academy of Sciences/Institute of Medicine</b><br>Sarah Beachy, Ph D.<br>Washington, DC<br>Support for the National Academies of Sciences' Forum on Regenerative Medicine                                                                                                                                                    | GOV                                   | 30,000.00<br>38357    | 1/15/2016        |
| <b>National Academy of Sciences/Institute of Medicine</b><br>Ms. Anne B. Claiborne, J D , M.P H.<br>Washington, DC<br>Support for the Forum on Drug Discovery, Development, and Translation from January 1 to December 31, 2016                                                                                                                                          | GOV                                   | 30,000.00<br>39201    | 6/15/2016        |
| <b>Montana State University</b><br>Darla M Goeres, Ph D.<br>Bozeman, MT<br>Support for the Center for Biofilm Engineering's third annual meeting on biofilm technologies "Anti-biofilm technologies: Pathways to Product Development" to be held in Alexandria, Virginia on February 10, 2016 plus a workshop on February 9, 2016                                        | GOV                                   | 5,000.00<br>38484     | 2/16/2016        |
| <b>(A) Regulatory Science</b><br><b>Society of Toxicology</b><br>Clarissa Russell<br>Dept of Pharmacology/Toxicology<br>Rutgers, the State University of New Jersey<br>Reston, VA<br>Support for the miRNA Biomarkers for Toxicology Workshop at the Society of Toxicology Annual Meeting in New Orleans, Louisiana on March 12, 2016                                    | PC                                    | 5,000.00<br>38674     | 3/15/2016        |
| <b>International Society for Stem Cell Research</b><br>Ms. Amy Claver<br>Skokie, IL<br>Support for the plenary session "Cell Therapy in Clinical Trials" at the International Society for Stem Cell Research 2016 Annual Meeting, which will be held in San Francisco 22-25 June 2016                                                                                    | PC                                    | 15,000.00<br>38485    | 2/16/2016        |

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| <b>Everylife Foundation for Rare Diseases</b><br>Max Bronstein<br>Novato, CA<br><i>Support for Everylife Foundation for Rare Diseases' 7th annual Rare Disease Scientific Workshop on September 15, 2015</i>                                         | PC                             | 5,000.00<br>37802  | 10/15/2015 |
| <b>Everylife Foundation for Rare Diseases</b><br>Sue Colton<br>Novato, CA<br><i>Support for Everylife Foundation for Rare Diseases' 2016 Scientific Workshop to be held at the Willard Intercontinental in Washington, D C on September 13, 2016</i> | PC                             | 2,500.00<br>39620  | 8/15/2016  |
| <b>Arkansas Research Alliance</b><br>Jerry B. Adams<br>1125 Oak Street, Suite 301<br>Conway, AR 72032<br><i>Annual meeting of the Global Coalition for Regulatory Science Research to be held in Bethesda, Maryland, September 7-9, 2016</i>         | PC                             | 30,000.00<br>39430 | 7/14/2016  |
| <b>(A) Regulatory Science</b><br><b>National Coalition Against Domestic Violence</b><br>Ms Gretchen Shaw<br>Denver, CO<br><i>Gift on behalf of a Burroughs Wellcome Fund Advisory Committee Member</i>                                               | PC                             | 5,000.00<br>39491  | 7/14/2016  |
| <b>(A) Regulatory Science</b><br><b>Health Research Alliance, Inc. (HRA)</b><br>Ms Annette Z. Huetter<br>Research Triangle Park, NC<br><i>Support for 2016 HRA membership</i>                                                                        | PC                             | 10,000.00<br>38668 | 3/15/2016  |
| <b>(A) Reproductive Science</b><br><b>Washington University</b><br>Dr Kelle H. Moley, M.D<br>Saint Louis, MO<br><i>Support for the annual RSDP scholar retreat October 2016, Chicago, Illinois and scholars dinner March 2017, Orlando, Florida</i>  | PC                             | 25,000.00<br>38897 | 4/14/2016  |

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| Washington University<br>Dr. Kelle H Moley, M.D<br>Saint Louis, MO<br><i>Support for RSDP scholars research related expenses from July 1, 2015 to June 30, 2017</i>                                                                               | PC                                    | 80,000.00<br>39378<br>7/14/2016  |
| <b>Gordon Research Conferences</b><br>Dr. Anne Croy, DVM, PhD<br><i>Support for the 2016 Gordon Research Conference on Regulatory Processes Modulating Mammalian Reproduction, Waterville Valley, New Hampshire, August 21-16, 2016</i>           | PC                                    | 5,000.00<br>38483<br>2/16/2016   |
| <b>Gordon Research Conferences</b><br>Ms. Talia Hatkevici-O'Donnell<br><i>Support for the 2016 Meiosis Gordon Research Seminar and Conference, Colby-Sawyer College, New London, New Hampshire, June 25 - July 1, 2016</i>                        | PC                                    | 5,000.00<br>38355<br>1/15/2016   |
| <b>Society for Reproductive Investigation</b><br>Ms. Anne N Krolkowski<br>Milwaukee, WI<br><i>Support for the 63rd annual scientific meeting of SRI, Montreal, QC, Canada, March 16-19, 2016</i>                                                  | PC                                    | 10,000.00<br>37804<br>10/15/2015 |
| <b>(A) Reproductive Science</b><br><b>Society for the Study of Reproduction</b><br>Dr. Judith Jansen<br><i>Support for travel fellowships and diversity committee activities at the annual meeting, July 16 - 20, 2016, San Diego, California</i> | PC                                    | 15,000.00<br>38893<br>4/14/2016  |
| <b>Society for the Study of Reproduction</b><br>Dr. Judith Jansen<br><i>Support for SSR's Science Education Outreach Day for middle and high school students, July 14, 2016, San Diego Zoo, California</i>                                        | PC                                    | 5,000.00<br>38894<br>4/14/2016   |
| <b>Marine Biological Laboratory (MBL)</b><br>Dr. Mario Ascoli, Ph.D.<br>Woods Hole, MA<br><i>Support for the 2016-2018 sessions of the Frontiers in Reproduction course</i>                                                                       | PC                                    | 191,000.00<br>38481<br>2/16/2016 |
| <b>(A) Science Education</b><br><b>Bladen County Schools</b><br>Ms Beverly Brady<br>Elizabethtown, NC<br><i>Singapore Math Pilot - Bladen County School System</i>                                                                                | GOV                                   | 43,833.35<br>38813<br>4/14/2016  |
| <b>North Carolina Association for Biomedical Research</b><br>Ms. Suzanne Wood Wilkison<br>Raleigh, NC                                                                                                                                             | PC                                    | 2,000.00<br>37652<br>9/15/2015   |

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| <i>Support for Bridging the Gap conference</i>                                                      |                                       |                       |                  |
| <b>North Carolina Association for Biomedical Research</b>                                           | PC                                    | 10,000.00             |                  |
| Ms. Suzanne Wood Wilkison                                                                           |                                       | 39631                 |                  |
| Raleigh, NC                                                                                         |                                       |                       | 8/15/2016        |
| <i>Bridging the Gap Uniting North Carolina K-16 STEM Education</i>                                  |                                       |                       |                  |
| <br><b>(A) Science Education</b>                                                                    |                                       |                       |                  |
| <b>National Association of Academies of Science</b>                                                 | PC                                    | 3,500.00              |                  |
| Mr. Ed M. Brogie                                                                                    |                                       | 38362                 |                  |
| Annandale, VA                                                                                       |                                       |                       | 1/15/2016        |
| <i>Support for the Breakfast with Scientists</i>                                                    |                                       |                       |                  |
| <b>Public School Forum of North Carolina</b>                                                        | PC                                    | 150,000.00            |                  |
| Mr. Keith Poston                                                                                    |                                       | 39362                 |                  |
| Raleigh, NC                                                                                         |                                       |                       | 7/14/2016        |
| <i>Support for the Institute for Educational Policymakers and the International Studies program</i> |                                       |                       |                  |
| <b>Morehead Planetarium and Science Center</b>                                                      | PC                                    | 25,000.00             |                  |
| Mr. Jeffrey Hill                                                                                    |                                       | 38970                 |                  |
| Chapel Hill, NC                                                                                     |                                       |                       | 5/12/2016        |
| <i>Support for the 2016 Science Festival</i>                                                        |                                       |                       |                  |
| <b>North Carolina Science Fair Foundation</b>                                                       | PC                                    | 8,000.00              |                  |
| Mr. Manley W. Midgett                                                                               |                                       | 37985                 |                  |
| Raleigh, NC                                                                                         |                                       |                       | 11/12/2015       |
| <i>North Carolina Science and Engineering Fair 2016</i>                                             |                                       |                       |                  |
| <b>MCNC</b>                                                                                         | PC                                    | 5,000.00              |                  |
| Ms. Veda Baldwin                                                                                    |                                       | 37649                 |                  |
| Research Triangle Park, NC                                                                          |                                       |                       | 9/15/2015        |
| <i>Support for the NCREN Community Day Celebration 2015</i>                                         |                                       |                       |                  |
| <b>Daniel Center for Math and Science</b>                                                           | PC                                    | 8,500.00              |                  |
| Mr. Kirby D. Jones                                                                                  |                                       | 39628                 |                  |
| Raleigh, NC                                                                                         |                                       |                       | 8/15/2016        |
| <i>Support for STEM programming</i>                                                                 |                                       |                       |                  |
| <b>(A) Science Education</b>                                                                        |                                       |                       |                  |
| <b>University of North Carolina-Chapel Hill</b>                                                     | PC                                    | 8,750.00              |                  |
| Dr. Rita O'Sullivan                                                                                 |                                       | 38966                 |                  |

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| Chapel Hill, NC<br><i>Continued support for the CASMT Evaluation</i><br><b>University of North Carolina-Chapel Hill</b><br>Dr. Rita O'Sullivan<br>Chapel Hill, NC<br><i>Continued support for the CASMT Evaluation</i>                                                                                     | PC                                    | 8,750.00<br>38480<br>2/16/2016   | 5/12/2016        |
| <b>University of North Carolina-Chapel Hill</b><br>Dr. Josh Hall, Ph D<br>Chapel Hill, NC<br><i>North Carolina DNA Day 2016</i>                                                                                                                                                                            | PC                                    | 3,000.00<br>38898<br>4/14/2016   |                  |
| <b>University of North Carolina-Chapel Hill</b><br>Dr. Rita O'Sullivan<br>Chapel Hill, NC<br><i>Continued support for the CASMT Evaluation</i>                                                                                                                                                             | PC                                    | 8,750.00<br>38351<br>1/15/2016   |                  |
| <b>North Carolina School of Science and Mathematics Foundation</b><br>Ms. Amy L. Sheck, Ph D.<br>Durham, NC<br><i>Support for travel of North Carolina Student Academy of Science winners to the American Junior Academy of Science/American Association for the Advancement of Science annual meeting</i> | PC                                    | 10,000.00<br>37796<br>10/15/2015 |                  |
| <b>North Carolinas Northeast Economic Development Foundation</b><br>Mr. Steve Hill<br>Kinston, NC<br><i>NC STEM Ecosystem. Driving Our Future</i>                                                                                                                                                          | PC                                    | 25,000.00<br>37797<br>10/15/2015 |                  |
| <b>(A) Science Education</b><br><b>Mount Olive College</b><br>Dr. Sara Elisabeth Lahman<br><i>STEM on Green</i>                                                                                                                                                                                            | PC                                    | 1,000.00<br>39637<br>8/15/2016   |                  |
| <b>Western Piedmont Council of Governments</b><br>Ms. Carol Lefler Moore<br>Hickory, NC<br><i>STEM West</i>                                                                                                                                                                                                | GOV                                   | 5,000.00<br>38896<br>4/14/2016   |                  |
| <b>National Girls Collaborative</b><br>Ms. Karen Peterson<br>Seattle, WA<br><i>Support for the Connectory</i>                                                                                                                                                                                              | PC                                    | 33,000.00<br>38488<br>2/16/2016  |                  |

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| <b>North Carolina Department of Public Instruction</b><br>Dr. Yvette Stewart<br>Raleigh, NC<br><i>Support for the 2016-2018 Teacher of the Year Program</i>                       | GOV                                   | 25,000.00<br>37643<br>9/15/2015   |                  |
| <b>North Carolina Department of Public Instruction</b><br>Ms. Tina Marcus<br>Raleigh, NC<br><i>Support for the STEM Recognition Program</i>                                       | GOV                                   | 8,000.00<br>38889<br>4/14/2016    |                  |
| <b>University of North Carolina General Administration</b><br>Ms. Alisa Chapman<br>NC<br><i>Support Science Education "Fast Track" Initiative</i>                                 | GOV                                   | 132,500.00<br>37950<br>11/12/2015 |                  |
| <b>(A) Science Education</b><br><b>University of North Carolina General Administration</b><br>Ms. Alisa Chapman<br>NC<br><i>Support Science Education "Fast Track" Initiative</i> | GOV                                   | 82,500.00<br>39180<br>6/15/2016   |                  |
| <b>University of North Carolina-Chapel Hill School of Education</b><br>Dr. Rita O'Sullivan<br>Chapel Hill, NC<br><i>Continued support for the CASMT Evaluation</i>                | PC                                    | 8,750.00<br>39602<br>8/15/2016    |                  |
| <b>Cumberland County Schools</b><br>Ms. Joni Wiggins<br>Fayetteville, NC<br><i>Cumberland County Schools' Singapore Math Pilot Project at Gallberry Farm Elementary School</i>    | GOV                                   | 37,400.00<br>38809<br>4/14/2016   |                  |
| <b>North Carolina Science Teachers Association</b><br>Mr. Manley W. Midgett<br>NC<br><i>Support for the NCSTA Professional Development Institute</i>                              | PC                                    | 25,000.00<br>39432<br>7/14/2016   |                  |

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| <b>(A) Science Education</b>                                                                                                                               |                                       |                                 |
| North Carolina Science Teachers Association                                                                                                                | PC                                    | 25,000.00                       |
| Mr Manley W Midgett                                                                                                                                        |                                       | 37653                           |
| NC                                                                                                                                                         |                                       | 9/15/2015                       |
| <i>Using STEM to Master Literacy</i>                                                                                                                       |                                       |                                 |
| <b>Guilford County Schools</b>                                                                                                                             | GOV                                   | 39,804.00                       |
| Ms Claudia Isabel Walker                                                                                                                                   |                                       | 38810                           |
| Greensboro, NC                                                                                                                                             |                                       | 4/14/2016                       |
| <i>Singapore Math Pilot at Murphey Traditional Academy in Guilford County Schools</i>                                                                      |                                       |                                 |
| <b>McDowell County Schools</b>                                                                                                                             | GOV                                   | 33,360.00                       |
| Ms. Tiffany Hall                                                                                                                                           |                                       | 38812                           |
| Marion, NC                                                                                                                                                 |                                       | 4/14/2016                       |
| <i>Building a Strong Math Foundation Through Constructing, Drawing, and Solving, a proposal by Eastfield Global Magnet School, McDowell County Schools</i> |                                       |                                 |
| <b>Wilkes County Schools</b>                                                                                                                               | GOV                                   | 15,200.00                       |
| Mrs. Kim Bell                                                                                                                                              |                                       | 38811                           |
| North Wilkesboro, NC                                                                                                                                       |                                       | 4/14/2016                       |
| <i>Singapore Math Project - North Wilkesboro Elementary School - Wilkes County School District</i>                                                         |                                       |                                 |
| <b>(A) Science Policy</b>                                                                                                                                  |                                       |                                 |
| <b>Massachusetts Institute of Technology</b>                                                                                                               | PC                                    | 65,000.00                       |
| Dr. Phillip A. Sharp, Ph.D.                                                                                                                                |                                       | 37984                           |
| Cambridge, MA                                                                                                                                              |                                       | 11/12/2015                      |
| <i>Support for the project Advancing Health Outcomes through Convergence</i>                                                                               |                                       |                                 |
| <b>(A) Science, Math, and Technology Science Champion</b>                                                                                                  |                                       |                                 |
| <b>BattelleEd ORG</b>                                                                                                                                      | PC                                    | 7,000.00                        |
| Mrs. Leslie R Vesha                                                                                                                                        |                                       | 39633                           |
| Columbus, OH                                                                                                                                               |                                       | 8/15/2016                       |
| <i>Support for the North Carolina STEMx Membership for 2016-17</i>                                                                                         |                                       |                                 |
| <b>(A) Science, Math, and Technology Science Champion</b>                                                                                                  |                                       |                                 |
| <b>Meredith College</b>                                                                                                                                    | PC                                    | 20,000.00                       |
| Mrs Jeane M Joyner                                                                                                                                         |                                       | 38364                           |
| Raleigh, NC                                                                                                                                                |                                       | 1/15/2016                       |
| <i>Support for the Mathematics Leadership Institute to Support Teaching and Learning</i>                                                                   |                                       |                                 |
| <b>Public School Forum of North Carolina</b>                                                                                                               | PC                                    | 20,000.00                       |
| Mr Keith Poston                                                                                                                                            |                                       | 38487                           |
| Raleigh, NC                                                                                                                                                |                                       | 2/16/2016                       |

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| <i>Support for the North Carolina International Science Challenge</i>               |                                       |                       |                  |
| <b>North Carolina New Schools Project</b>                                           | PC                                    | 25,000.00             |                  |
| Ms. Katie Reich                                                                     |                                       | 38895                 |                  |
| Raleigh, NC                                                                         |                                       |                       | 4/14/2016        |
| <i>Support for the annual Scaling STEM conference</i>                               |                                       |                       |                  |
| <b>North Carolina Science Leadership Association</b>                                | PC                                    | 20,000.00             |                  |
| Dr. Pat Mills Shane, Ph D.                                                          |                                       | 37980                 |                  |
| NC                                                                                  |                                       |                       | 11/12/2015       |
| <i>Support for the NCSLA Science Leadership Fellows Program for 2016 and 2017</i>   |                                       |                       |                  |
| <b>James B. Hunt Jr. Institute for Educational Leadership and Policy</b>            | PC                                    | 25,000.00             |                  |
| Mr. Raymond Benjamin Farrow III                                                     |                                       | 37646                 |                  |
| Chapel Hill, NC                                                                     |                                       |                       | 9/15/2015        |
| <i>STEM College and Career Readiness Standards and Assessments</i>                  |                                       |                       |                  |
| <b>James B. Hunt Jr. Institute for Educational Leadership and Policy Foundation</b> | PC                                    | 25,000.00             |                  |
| Mr. Raymond Benjamin Farrow III                                                     |                                       | 39196                 |                  |
| Chapel Hill, NC                                                                     |                                       |                       | 6/15/2016        |
| <i>STEM College and Career Readiness Standards and Assessments</i>                  |                                       |                       |                  |
| <b>(A) Science, Math, and Technology Science Champion</b>                           | SO I                                  | 5,000.00              |                  |
| <b>North Carolina Chamber Foundation</b>                                            |                                       | 39624                 |                  |
| Mrs. Beth W. Shore                                                                  |                                       |                       | 8/15/2016        |
| Raleigh, NC                                                                         |                                       |                       |                  |
| <i>North Carolina Chamber Conference on Education</i>                               |                                       |                       |                  |
| <b>North Carolina Alliance for School Leadership Development</b>                    | PC                                    | 125,000.00            |                  |
| Dr. Jack Hoke                                                                       |                                       | 37795                 |                  |
| Raleigh, NC                                                                         |                                       |                       | 10/15/2015       |
| <i>Support for the Science Materials and Professional Development Center</i>        |                                       |                       |                  |
| <b>North Carolina Alliance for School Leadership Development</b>                    | PC                                    | 375,000.00            |                  |
| Dr. Jack Hoke                                                                       |                                       | 39189                 |                  |
| Raleigh, NC                                                                         |                                       |                       | 6/15/2016        |
| <i>Support for the Science Materials and Professional Development Center</i>        |                                       |                       |                  |
| <b>North Carolina Alliance for School Leadership Development</b>                    | PC                                    | 25,000.00             |                  |
| Dr. Jack Hoke                                                                       |                                       | 37647                 |                  |
| Raleigh, NC                                                                         |                                       |                       | 9/15/2015        |
| <i>Digital Leadership for Superintendents</i>                                       |                                       |                       |                  |
| <b>Professional Engineers of North Carolina Education Foundation</b>                | PC                                    | 8,000.00              |                  |
| Mr. Gary Ray Taylor                                                                 |                                       | 38660                 |                  |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------|------------------|
| Raleigh, NC<br><i>Support for the North Carolina Future City Competition</i>                                                                                                                                                               |                                       |                       | 3/15/2016        |
| <b>North Carolinas Northeast Economic Development Foundation</b><br>Mr. Steve Hill<br>Kinston, NC<br><i>Eastern North Carolina Employers &amp; Superintendents Planning Event</i>                                                          | PC                                    | 8,000.00<br>38899     | 4/14/2016        |
| <b>(A) Science, Math, and Technology Science Champion</b><br><b>Isothermal Community College</b><br>Ms Sarah Morse<br>Spindale, NC<br><i>The Isothermal STEM Summit 2015 Part 2: The STEM Scorecard and Developing a Regional STEM Hub</i> | GOV                                   | 8,000.00<br>38365     | 1/15/2016        |
| <b>Southeast Education Alliance Foundation, Inc.</b><br>Ms. Linda G. Lowe<br>Wilmington, NC<br><i>Support for the Second Annual STEM Education Conference</i>                                                                              | PC                                    | 5,000.00<br>38486     | 2/16/2016        |
| <b>(A) Special Award</b><br><b>Marine Biological Laboratory (MBL)</b><br>Dr. Huntington Willard, Ph.D.<br>Woods Hole, MA<br><i>Support for the Biology of Parasitism Course</i>                                                            | PC                                    | 10,000.00<br>37990    | 11/12/2015       |
| <b>Friends of Sir M.B. Davis Jewish General Hospital</b><br>Mr. Michel Fima<br>Montreal, QC<br>Canada<br><i>Support for the Distinguished Lecture Series</i>                                                                               | SO II                                 | 8,000.00<br>38177     | 12/15/2015       |
| <b>Strategic Education Research Partnership Institute</b><br>Dr. Suzanne Donovan<br>Washington, DC<br><i>General support</i>                                                                                                               | PC                                    | 20,000.00<br>38366    | 1/15/2016        |
| <b>Student Science Enrichment Program</b><br><b>Shodor Education Foundation Inc.</b><br>Dr. Robert M. Panoff, Ph D<br>Durham, NC<br><i>Computing MATTERS. Nurturing the Seedlings of SUCCEED</i>                                           | PC                                    | 15,000.00<br>38158    | 12/15/2015       |

| GRANTS TO INSTITUTIONS                                                                                                                                                     |  | Foundation Status of Recipient | Amount Check # Paid Date         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|----------------------------------|
| NAME/ADDRESS/PURPOSE                                                                                                                                                       |  |                                |                                  |
| Discovery Place Inc.<br>Charla Fields<br>Charlotte, NC<br><i>After-School STEM Enrichment Project at Palisades Park</i>                                                    |  | PC                             | 56,139.00<br>38167<br>12/15/2015 |
| University of North Carolina-Pembroke<br>Dr Rita Hagevik, Ph D<br>Pembroke, NC<br><i>Kids in the Garden: Developing STEM Skills for a Sustainable Future</i>               |  | PC                             | 59,974.00<br>37967<br>11/12/2015 |
| Pfiffer University<br>Dr. Dane Fisher, Ph.D<br>Misenheimer, NC<br><i>PROJECT GENES Genetics Education for the Next Era of Science</i>                                      |  | PC                             | 48,086.00<br>38165<br>12/15/2015 |
| Friends of the North Carolina State Museum of Natural Sciences<br>Ms. Chris Goforth<br>Raleigh, NC<br><i>Dragonfly Detectives. Introducing Children to Citizen Science</i> |  | PC                             | 58,900.00<br>38172<br>12/15/2015 |
| Student Science Enrichment Program<br>Duke University<br>Dr. Nicolette L Cagle, Ph.D<br>Durham, NC<br><i>Environmental Science Summer Program at Duke</i>                  |  | PC                             | 26,200.00<br>37963<br>11/12/2015 |
| Foundation of the Carolinas<br>Ms. Linda Cagley<br>Charlotte, NC<br><i>The Summer Science Experience - Sixth Grade Science Sleuths and Ten80 PLUS</i>                      |  | PC                             | 59,689.00<br>38157<br>12/15/2015 |
| Port Discover: Northeast North Carolina's Center for Hands-On Science,Inc.<br>Ms. Robin Denise Kelly-Goss<br>Elizabeth City, NC<br><i>Build a Better Pipeline</i>          |  | PC                             | 60,000.00<br>37974<br>11/12/2015 |
| University of North Carolina-Chapel Hill<br>Ms. Dana Brown Haine<br>Chapel Hill, NC<br><i>Climate Leadership and Energy Awareness Program</i>                              |  | PC                             | 51,383.00<br>38159<br>12/15/2015 |
| University of North Carolina-Chapel Hill<br>Ms. Katie Stoudemire<br>Chapel Hill, NC<br><i>Wonder Connection (Healing and Hope Through Science)</i>                         |  | PC                             | 60,000.00<br>37968<br>11/12/2015 |

**BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2016**  
**PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18**  
**GRANTS PAID DURING THE YEAR**  
**GRANTS TO INSTITUTIONS**

| <b>NAME/ADDRESS/PURPOSE</b>                                                                         | <b>Foundation Status of Recipient</b> | <b>Amount Check # Paid Date</b> |
|-----------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| <b>Montreat College</b>                                                                             | PC                                    | 59,400.00                       |
| Dr. Dorothea K. Shuman, Ph D.                                                                       |                                       | 38155                           |
| Montreat, NC                                                                                        |                                       | 12/15/2015                      |
| <i>Hiking MYLES of Science</i>                                                                      |                                       |                                 |
| <b><u>Student Science Enrichment Program</u></b>                                                    |                                       |                                 |
| <b>Pisgah Astronomical Research Institute</b>                                                       | PC                                    | 60,000.00                       |
| Ms. Christi Jo Whitworth                                                                            |                                       | 38153                           |
| Rosman, NC                                                                                          |                                       | 12/15/2015                      |
| <i>3D Planets</i>                                                                                   |                                       |                                 |
| <b>Duke University</b>                                                                              | PC                                    | 52,214.00                       |
| Dr Adrienne D. Stiff-Roberts, Ph D                                                                  |                                       | 38459                           |
| Durham, NC                                                                                          |                                       | 2/16/2016                       |
| <i>Student Engineers Network: Strengthening Opportunities in Research (SENSOR) Saturday Academy</i> |                                       |                                 |
| <b>Cape Fear Community College Foundation, Inc.</b>                                                 | PC                                    | 45,944.00                       |
| Mr. Tracy Lonzie Lee Holbrook                                                                       |                                       | 38169                           |
| Wilmington, NC                                                                                      |                                       | 12/15/2015                      |
| <i>CT-RISE: Chem-Techathon: Renewing Interest in Science Education</i>                              |                                       |                                 |
| <b>Highlands Biological Station Foundation</b>                                                      | PC                                    | 54,693.00                       |
| Dr. James T Costa, Ph.D.                                                                            |                                       | 37964                           |
| Highlands, NC                                                                                       |                                       | 11/12/2015                      |
| <i>Watershed Moments: Exploring Science and Math in Cullowhee Creek</i>                             |                                       |                                 |
| <b>Beaufort County Police Activities League, Inc.</b>                                               | PC                                    | 50,920.00                       |
| Mr. Alvin D Powell                                                                                  |                                       | 38173                           |
| Bath, NC                                                                                            |                                       | 12/15/2015                      |
| <i>Youth Career and STEM Enrichment Program Using Aviation and Robotics</i>                         |                                       |                                 |
| <b>Swain County High School/Swain County Schools</b>                                                | GOV                                   | 60,000.00                       |
| Ms. Norma Pattillo                                                                                  |                                       | 38338                           |
| Bryson City, NC                                                                                     |                                       | 1/15/2016                       |
| <i>Project Endeavor</i>                                                                             |                                       |                                 |
| <b><u>Student Science Enrichment Program</u></b>                                                    |                                       |                                 |
| <b>Pamlico County Schools</b>                                                                       | GOV                                   | 56,437.00                       |
| Dr Tammy Anne Scot, Ph D.                                                                           |                                       | 37969                           |
| Oriental, NC                                                                                        |                                       | 11/12/2015                      |
| <i>After-school and Summer Engineering Adventure Camp</i>                                           |                                       |                                 |
| <b>Sylvan Heights Waterfowl Park &amp; Eco-Center</b>                                               | PC                                    | 49,128.00                       |
| Mrs. Lee Peoples                                                                                    |                                       | 37970                           |

**BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2016**  
**PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18**  
**GRANTS PAID DURING THE YEAR**  
**GRANTS TO INSTITUTIONS**

| <b>NAME/ADDRESS/PURPOSE</b>                                                           | <b>Foundation Status of Recipient</b> | <b>Amount Check #</b> | <b>Paid Date</b> |
|---------------------------------------------------------------------------------------|---------------------------------------|-----------------------|------------------|
| Scotland Neck, NC                                                                     |                                       |                       | 11/12/2015       |
| <i>Soaring into Science</i>                                                           |                                       |                       |                  |
| <b>Wake County Public School System</b>                                               | GOV                                   | 56,538.00             |                  |
| Mr Paul R. Domenico                                                                   |                                       | 38337                 |                  |
| Raleigh, NC                                                                           |                                       |                       | 1/15/2016        |
| <i>STEM Wise</i>                                                                      |                                       |                       |                  |
| <b>Boys &amp; Girls Clubs of Wake County</b>                                          | PC                                    | 60,000.00             |                  |
| Ms Shannon Harrison                                                                   |                                       | 38154                 |                  |
| Raleigh, NC                                                                           |                                       |                       | 12/15/2015       |
| <i>Collaborative STEM Initiative (CSI)</i>                                            |                                       |                       |                  |
| <b>North Carolina Arboretum Society</b>                                               | PC                                    | 59,550.00             |                  |
| Mr Jonathan Darrel Marchal                                                            |                                       | 37973                 |                  |
| Asheville, NC                                                                         |                                       |                       | 11/12/2015       |
| <i>EcoEXPLORE (Experience Promoting Learning Outdoors for Research and Education)</i> |                                       |                       |                  |
| <b>Rockingham District Partners In Ministry</b>                                       | PC                                    | 60,000.00             |                  |
| Dr. Melba McCallum, Ed.D                                                              |                                       | 37972                 |                  |
| Laurinburg, NC                                                                        |                                       |                       | 11/12/2015       |
| <i>SYSTEM- Strengthening Youth in Science, Technology, Engineering, and Math</i>      |                                       |                       |                  |
| <b>Student Science Enrichment Program</b>                                             |                                       |                       |                  |
| <b>Marbles Kids Museum</b>                                                            | PC                                    | 37,257.00             |                  |
| Mrs. Hardin Engelhardt                                                                |                                       | 38160                 |                  |
| Raleigh, NC                                                                           |                                       |                       | 12/15/2015       |
| <i>Marbles STEM Play Corps</i>                                                        |                                       |                       |                  |
| <b>Wake Forest University Health Sciences</b>                                         | PC                                    | 60,000.00             |                  |
| Dr. Ronny Bell, Ph D.                                                                 |                                       | 38156                 |                  |
| Winston-Salem, NC                                                                     |                                       |                       | 12/15/2015       |
| <i>Medical Careers and Technology (MedCaT) Academy:</i>                               |                                       |                       |                  |
| <i>Enriching Native and Appalachian Student Experiences in Health Sciences</i>        |                                       |                       |                  |
| <b>Greene County Schools</b>                                                          | GOV                                   | 59,266.00             |                  |
| Dr Frank Creech, Ed D.                                                                |                                       | 37965                 |                  |
| Snow Hill, NC                                                                         |                                       |                       | 11/12/2015       |
| <i>Greene STEM Summer</i>                                                             |                                       |                       |                  |
| <b>North Carolina State University</b>                                                | GOV                                   | 56,600.00             |                  |
| Dr. Patrick W. Curley, Ed D.                                                          |                                       | 38171                 |                  |
| Raleigh, NC                                                                           |                                       |                       | 12/15/2015       |
| <i>Coastal Inquirers</i>                                                              |                                       |                       |                  |
| <b>North Carolina State University</b>                                                | GOV                                   | 59,732.00             |                  |

**BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2016**  
**PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18**  
**GRANTS PAID DURING THE YEAR**  
**GRANTS TO INSTITUTIONS**

| <b>NAME/ADDRESS/PURPOSE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Foundation Status of Recipient</b> | <b>Amount Check #</b>                                                                                                                        | <b>Paid Date</b> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Dr. Kevin Matthew Oliver, Ph D<br>Raleigh, NC<br><i>iInovative Exploration of Science and Technology (iNEST)</i><br><b>North Carolina State University</b><br>Dr. Tameshia Ballard, Ph D.<br>Raleigh, NC<br><i>Broadening STEM Participation: Providing STEM Research Experiences for Minority High School Students in the NC-Mathematics and Science Education Network Pre-college Program</i><br><u><b>Student Science Enrichment Program</b></u><br><b>North Carolina State University</b><br>Mrs. Elizabeth Ann Driscoll<br>Raleigh, NC<br><i>Project PLANTS: Planting Leaders in Agriculture and Nature Through Science</i><br><b>North Carolina State University</b><br>Dr. Matthew Damon Koci<br>Raleigh, NC<br><i>Authentic learning as a means to promote student enthusiasm for science careers by establishing a model biotechnology company in a rural Tier 1 high school</i> | GOV                                   | 37971<br>11/12/2015<br>60,000.00<br>37962<br>11/12/2015<br>59,958.00<br>38168<br>12/15/2015<br>60,000.00<br>38845<br>4/14/2016               |                  |
| <b>North Carolina State University</b><br>Dr. JoAnn M. Burkholder, Ph.D<br>Raleigh, NC<br><i>The North Carolina Floating Classroom</i><br><b>Pitt County Schools</b><br>Mr. Tim DeCresie<br>Greenville, NC<br><i>Project MERC (Making, Engineering, Robotics and Coding)</i><br><b>McDowell County Schools/West Marion Elementary</b><br>Mrs. Renata Sabine Crawley<br>Marion, NC<br><i>Project Wild Thing</i><br><b>East Carolina University</b><br>Dr. Anthony Kennedy, Ph D.<br>Greenville, NC<br><i>Increasing participation and proficiency in science at grade 5 through inquiry based learning</i><br><u><b>Student Science Enrichment Program</b></u>                                                                                                                                                                                                                             | GOV<br>GOV<br>GOV<br>GOV<br>GOV       | 59,996 00<br>38152<br>12/15/2015<br>60,000.00<br>37966<br>11/12/2015<br>60,000.00<br>38166<br>12/15/2015<br>26,085.00<br>38170<br>12/15/2015 |                  |

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2016  
 PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18  
 GRANTS PAID DURING THE YEAR  
 GRANTS TO INSTITUTIONS

| NAME/ADDRESS/PURPOSE                                                                                                   | Foundation<br>Status of<br>Recipient | Amount<br>Check #  | Paid Date  |
|------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------|------------|
| Charlotte/Mecklenburg Schools<br>Ms Erica Putnam<br>Charlotte, NC                                                      | GOV                                  | 28,726.00<br>38326 | 1/15/2016  |
| B-3 Summer Research and Science Saturday Program<br>Cherokee Boys Club, Inc.<br>Mrs Bette P Fitzgerald<br>Cherokee, NC | GOV                                  | 50,000.00<br>38164 | 12/15/2015 |
| Cherokee Middle School - Cherokee Science Investigation - Medical Mania                                                |                                      |                    |            |
| Total                                                                                                                  |                                      | \$5,899,203        |            |

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2016  
PART XV SUPPLEMENTAL INFORMATION - LINE 3B SCHEDULE #19  
GRANTS APPROVED FOR FUTURE PAYMENT

| Name                                             | Primary Contact                                  | City, State        | Project Title                                                                                                                     | Foundation Status of Recipient | Balance   |
|--------------------------------------------------|--------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------|
| To Be Named North American Degree Granting       | Juliana Giorgetti, Ph D                          | TBD                | Deriving network behavior from single neuron biophysics synaptic plasticity and neuromodulation                                   | PC                             | \$70,000  |
| To Be Named North American Degree Granting       | David Michael Schneider, Ph D                    | TBD                | Neural circuits for making predictions and learning from mistakes                                                                 | PC                             | \$360,000 |
| To Be Named North American Degree Granting       | Amy Wesolowski, Ph D                             | TBD                | Impact of human travel on infectious disease dynamics                                                                             | PC                             | \$360,000 |
| To Be Named North American Degree Granting       | Jing Yan, Ph D                                   | TBD                | Resolving and analyzing living bacterial biofilms at the single cell level                                                        | PC                             | \$360,000 |
| To Be Named North American Degree Granting       | Weilian Yang, Ph D                               | TBD                | Holographic mapping and manipulation of neuronal microcircuits                                                                    | PC                             | \$360,000 |
| To Be Named North American Degree Granting       | Ahmet F Coskun, Ph D                             | TBD                | Computational single molecule imaging and barcoding Exploring cellular identity at the single cell transcript level               | PC                             | \$360,000 |
| To Be Named North American Degree Granting       | Alexander G Huht, Ph D                           | TBD                | Comprehensive functional mapping of human cortex using generative models                                                          | PC                             | \$360,000 |
| To Be Named North American Degree Granting       | Ashley M Laughtrey Bakhoum, Ph D                 | TBD                | Uncovering transcriptional vulnerabilities in latent metastasis                                                                   | PC                             | \$360,000 |
| To Be Named North American Degree Granting       | Dr. Michael John Mitchell, Ph D                  | TBD                | High-throughput in vivo nucleic acid delivery screening via molecular barcoding of nanoparticles for bone marrow-related diseases | PC                             | \$360,000 |
| To Be Named North American Degree Granting       | Arthur Pindile, Ph D                             | TBD                | Electrical signaling and multicellular organization                                                                               | PC                             | \$360,000 |
| To Be Named North American Degree Granting       | Dr. Francisco (Paco) Eduardo Robles, Atlanta, GA | Atlanta, GA        | Molecular imaging based on the linear and nonlinear refractive index for biomedical applications                                  | PC                             | \$360,000 |
| Georgia Institute of Technology                  | Monica M Laronda, Ph D                           | Chicago, IL        | Engineering an artificial ovary to restore fertility and endocrine function in cancer survivors                                   | PC                             | \$360,000 |
| Northwestern University                          | Karen E Kasza, Ph D                              | New York, NY       | Mechanical cues coordinating cell behaviors during morphogenesis                                                                  | PC                             | \$35,000  |
| Columbia University                              | Weilian Yang, Ph D                               | New York, NY       | Holographic mapping and manipulation of neuronal microcircuits                                                                    | PC                             | \$105,000 |
| Duke University                                  | David Michael Schneider, Ph D                    | Durham, NC         | Neural circuits for making predictions and learning from mistakes                                                                 | PC                             | \$140,000 |
| University of Colorado-Boulder                   | Dr. Adrienne Mane Rosales, Ph D                  | Boulder, CO        | Dynamic viscoelastic hydrogels to study mechanisms of fibrosis                                                                    | GOV                            | \$140,000 |
| Johns Hopkins University                         | Chen Li, Ph D                                    | Baltimore, MD      | The teradynamics of biological movement in complex terrain                                                                        | PC                             | \$105,000 |
| Harvard University                               | Christina May Woo, Ph D                          | Boston, MA         | Expansion of the druggable proteome understanding proteome-wide small molecule-protein interactions                               | PC                             | \$70,000  |
| University of Washington                         | Ramkumar Sabesan, Ph D                           | Seattle, WA        | Studying visual function on a cellular scale                                                                                      | GOV                            | \$35,000  |
| Princeton University                             | Amy Wesolowski, Ph D                             | Princeton, NJ      | Impact of human travel on infectious disease dynamics                                                                             | PC                             | \$105,000 |
| Princeton University                             | Jing Yan, Ph D                                   | La Jolla, CA       | Resolving and analyzing living bacterial biofilms at the single cell level                                                        | PC                             | \$105,000 |
| University of California-San Diego               | Arthur Pindile, Ph D                             | La Jolla, CA       | Electrical signaling and multicellular organization                                                                               | GOV                            | \$140,000 |
| Sloan-Kettering Institute                        | Ashley M Laughtrey Bakhoum, Ph D                 | New York, NY       | Uncovering transcriptional vulnerabilities in latent metastasis                                                                   | PC                             | \$105,000 |
| University of California-Berkeley                | Ms Markia Palmira Landry, Ph D                   | Berkeley, CA       | Synthetic antibodies for real-time monitoring of cellular protein imbalances and protein misfolding                               | PC                             | \$140,000 |
| University of California-Berkeley                | Alexander G Huht, Ph D                           | Berkeley, CA       | Comprehensive functional mapping of human cortex using generative models                                                          | PC                             | \$105,000 |
| Massachusetts Institute of Technology            | Dr. Michael John Mitchell, Ph D                  | Cambridge, MA      | High-throughput in vivo nucleic acid delivery screening via molecular barcoding of nanoparticles for bone marrow-related diseases | PC                             | \$140,000 |
| California Institute of Technology               | Ahmet F Coskun, Ph D                             | Pasadena, CA       | Computational single molecule imaging and barcoding Exploring cellular identity at the single cell transcript level               | PC                             | \$140,000 |
| University of Texas-Austin                       | Dr. Adrienne Mane Rosales, Ph D                  | Austin, Texas      | Dynamic viscoelastic hydrogels to study mechanisms of fibrosis                                                                    | PC                             | \$360,000 |
| Memorial Sloan-Kettering Cancer Center           | Dr. Andrew Michael Intirkoter, M.D.              | New York, NY       | Investigating L-2-hydroxyglutarate production and its relevance to normal hematopoiesis and leukemogenesis                        | PC                             | \$700,000 |
| University of California-San Diego               | Dr. Heidi Leigh Cook-Anderson, M.D.              | La Jolla, CA       | Post-transcriptional gene regulation during the mammalian oocyte-to-embryo transition                                             | GOV                            | \$700,000 |
| University of California-San Francisco           | Dr. Bruce Mao Zheng Wang, M.D                    | San Francisco, CA  | Wnt signaling and hepatocyte stem cells in liver homeostasis and cancer                                                           | GOV                            | \$700,000 |
| University of California-San Francisco           | Dr. Tiffany Crawford Scharschmidt, Ph D          | San Francisco, CA  | Elucidating mechanisms of immune tolerance to skin commensal bacteria                                                             | GOV                            | \$700,000 |
| University of California-San Francisco           | Dr. Dhakshin Ramanathan, M.D., Ph.D              | San Francisco, CA  | Role of spindle oscillations in modulating neural plasticity and procedural memory consolidation                                  | GOV                            | \$700,000 |
| University of California-San Francisco           | Dr. Devanand Sadanand Manoli, M.D.               | San Francisco, CA  | Genetic models of social attachment in development and mental illness                                                             | GOV                            | \$700,000 |
| University of California-San Francisco           | Dr. Alexander Marston, M.D., Ph.D                | San Francisco, CA  | Molecular characterization of non-coding genetic variants that promote human autoimmunity                                         | GOV                            | \$700,000 |
| University of California-San Francisco           | Dr. Kann Elisabeth Finberg, M.D.                 | New Haven, CT      | Finberg, Kann - Identification of Novel Genetic Regulators of Mammalian Iron Homeostasis                                          | GOV                            | \$700,000 |
| Yale University                                  | Dr. Eric Lee Snyder, M.D., Ph.D                  | Salt Lake City, UT | Snyder, Eric - Regulation of lung cancer progression by the cell fate determinant Nkx2.1                                          | PC                             | \$8,403   |
| University of Utah School of Medicine            | Dr. Daniel Evan Bauer, M.D., Ph.D                | Boston, MA         | Functional Characterization of Trait-Associated Enhancers                                                                         | GOV                            | \$24,583  |
| Harvard Medical School                           | Dr. Siddhartha Jaiswal, M.D., Ph.D               | Boston, MA         | Elaborating the causal link between clonal hematopoiesis and atherosclerosis                                                      | PC                             | \$140,000 |
| Harvard Medical School                           | Dr. Alexander Spektor, M.D., Ph.D                | Boston, MA         | The mechanism of DNA damage and chromothripsis from chromosome segregation errors                                                 | PC                             | \$95,000  |
| Harvard Medical School                           | Dr. Seth Rakoff-Nahoum, M.D., Ph.D               | Boston, MA         | Gut microbiota ecological interaction networks in health and disease                                                              | PC                             | \$700,000 |
| Harvard Medical School                           | Dr. Jonathan Abraham, M.D., Ph.D                 | Boston, MA         | Profiling the human antibody response in survivors of viral hemorrhagic fevers                                                    | PC                             | \$95,000  |
| To Be Named North American Degree Granting       | Dr. Manella Gruber Filbin, M.D., Ph.D            | TBD                | Discovering novel epigenetic dependencies in pediatric high-grade glioma                                                          | PC                             | \$700,000 |
| To Be Named North American Degree Granting       | Dr. Alexander Spektor, M.D., Ph.D                | TBD                | The mechanism of DNA damage and chromothripsis from chromosome segregation errors                                                 | PC                             | \$605,000 |
| To Be Named North American Degree Granting       | Dr. Jonathan Abraham, M.D., Ph.D                 | TBD                | Profiling the human antibody response in survivors of viral hemorrhagic fevers                                                    | PC                             | \$605,000 |
| Rutgers University-Rutgers Biomedical and Health | Dr. Nicholas M Pozzo, Ph D                       | NJ                 | Providing biomedical Ph.D. students with advanced communication skills for career transitions                                     | GOV                            | \$38,166  |
| Oregon Health and Science University             | Shoukhrat Mitalipov, Ph D                        | Portland, OR       | Mitochondrial replacement therapy                                                                                                 | PC                             | \$300,000 |
| University of Pennsylvania                       | Andrew Douglas Maidment, Ph D                    | Philadelphia, PA   | VICTRE - Virtual Clinical Trials in The Regulatory Environment                                                                    | PC                             | \$500,000 |
| University of Rochester                          | Ray Dorsey, M.D                                  | Rochester, NY      | Incorporating smartphone research applications into clinical trials                                                               | PC                             | \$500,000 |
| Massachusetts Institute of Technology            | Kevin M Esvelt, Ph D                             | Cambridge, MA      | A model system to evaluate the dynamics and safety of gene drive applications                                                     | PC                             | \$500,000 |
| Emory University                                 | Christopher Flowers, M.D                         | Atlanta, GA        | Microsimulation modeling to evaluate the clinical effectiveness of novel cancer therapies                                         | PC                             | \$500,000 |
| University of Pennsylvania Perelman School of    | Dr. Sunny Shin, Ph D                             | Philadelphia, PA   | Overcoming pathogen-mediated translation inhibition to enable robust immune defense                                               | PC                             | \$450,000 |
| Memorial Sloan-Kettering Cancer Center           | Dr. Joseph C Sun, Ph D                           | New York, NY       | Natural killer cell control of cytomegalovirus infection                                                                          | PC                             | \$450,000 |
| Princeton University                             | Dr. Alexander Pless, Ph D                        | Princeton, NJ      | Breaking species barriers of human hepatotropic pathogens                                                                         | PC                             | \$450,000 |
| University of Rochester Medical Center           | Dr. Felix Yarovsky, M.D                          | Rochester, NY      | TLR-independent host resistance to protozoan parasites                                                                            | PC                             | \$64,612  |
| Emory University School of Medicine              | Dr. Christine M Durham, Ph.D                     | Atlanta, GA        | Characterization of pathways involved in bacterial persistence and antibiotic resistance                                          | PC                             | \$450,000 |
| Washington University                            | Dr. Audrey R Odom, M.D., Ph.D                    | Saint Louis, MO    | Insights into the chemical ecology of malaria parasites                                                                           | PC                             | \$450,000 |
| University of Pennsylvania                       | Dr. DeBroski R Herbert, Ph.D                     | Philadelphia, PA   | Trefoil factor proteins modulate host immunity against hookworms                                                                  | PC                             | \$17,446  |
| University of Pennsylvania                       | Dr. DeBroski R Herbert, Ph.D                     | Philadelphia, PA   | Trefoil factor proteins modulate host immunity against hookworms                                                                  | PC                             | \$250,000 |
| University of Pennsylvania                       | Dr. Scott E Hensley, Ph.D                        | Philadelphia, PA   | Effect of maternal antibodies on the neonatal immune response to influenza virus                                                  | PC                             | \$450,000 |
| University of Utah                               | Dr. Neils C Elde, Ph.D                           | Salt Lake City, UT | A new class of retrogenes modulating pathogenesis                                                                                 | GOV                            | \$450,000 |
| University of Colorado-Boulder                   | Dr. Sara L Sawyer, Ph.D                          | Boulder, CO        | The genetics of viral species tropism                                                                                             | GOV                            | \$109,483 |
| Duke University                                  | Dr. Jom Coers D Phil, Ph.D                       | Durham, NC         | Host-mediated lysis of cytoplasmic pathogens                                                                                      | GOV                            | \$450,000 |
| University of Florida                            | Dr. Liang Zhou, M.D., Ph.D                       | Gainesville, FL    | Environmental impact on host-pathogen interaction                                                                                 | GOV                            | \$150,000 |
| Harvard Medical School                           | Dr. Liang Zhou, M.D., Ph.D                       | Gainesville, FL    | Environmental impact on host-pathogen interaction                                                                                 | GOV                            | \$197,883 |
| Rutgers University-Rutgers Biomedical and Health | Dr. Min Dong, Ph.D                               | Boston, MA         | Host factors conferring susceptibility to Clostridium difficile toxins                                                            | PC                             | \$450,000 |
| California Institute of Technology               | Dr. Amaniz Rivera, Ph.D                          | NJ                 | Mechanisms of bidirectional innate cell licensing in antifungal immunity                                                          | GOV                            | \$450,000 |
| Massachusetts Institute of Technology            | Dr. Walter Gabriel Gonzalez, Ph.D                | Pasadena, CA       | NEURONAL DYNAMICS AND BEHAVIORAL ROBUSTNESS IN MOTOR CONTROL                                                                      | PC                             | \$60,000  |
| Stanford University                              | Dr. Hiruy Mehrara, Ph.D                          | Cambridge, MA      | Deciphering the Role of Eukaryotic Protein Kinases in Down's Syndrome                                                             | PC                             | \$60,000  |
| University of California-Davis                   | Dr. Antonia Alisa Dominguez, Ph.D                | CA                 | Functional analysis of C9orf72 mutations in ALS via targeted genome engineering                                                   | PC                             | \$60,000  |
| University of Pennsylvania                       | Dr. Samantha Ciocaptra Lewis, Ph.D               | Davis, CA          | Functional analysis of the mitochondrial DNA nucleoid complex                                                                     | GOV                            | \$60,000  |
| University of Pennsylvania                       | Dr. Carolyn Marie Yngqolen, Ph.D                 | Philadelphia, PA   | Modeling the FMR1 trinucleotide repeat in recombination for gene editing                                                          | PC                             | \$60,000  |
| University of California-San Francisco           | Dr. Kyle Gabriel Daniels, Ph.D                   | San Francisco, CA  | Using Synthetic Receptors to Map the T Cell Development Landscape                                                                 | GOV                            | \$60,000  |

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2016  
 PART XV SUPPLEMENTAL INFORMATION - LINE 3B SCHEDULE #19  
 GRANTS APPROVED FOR FUTURE PAYMENT

| Name                                        | Primary Contact                       | City, State      | Project Title                                                                                                              | Foundation<br>Status of<br>Recipient | Balance      |
|---------------------------------------------|---------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------|
| University of Pennsylvania                  | Dr. Ishmael John Abdus-Saboor, Ph.D.  | Philadelphia, PA | Determining the Function of Touch-sensing Neurons in Acute and Chronic Pain                                                | PC                                   | \$40,000     |
| University of Colorado-Boulder              | Dr. Nicholas Ryan Meyerson, Ph.D.     | Boulder, CO      | Rules of engagement between TRIM restriction factors and their viral targets                                               | PC                                   | \$60,000     |
| Baylor College of Medicine                  | Dr. Diana Monsivais, Ph.D.            | Houston, TX      | SMAD115 signaling in the female reproductive tract                                                                         | PC                                   | \$60,000     |
| University of Wisconsin-Madison             | Dr. Nydia Hernandez-Santos, Ph.D.     | Madison, WI      | Role of airway epithelial cells in host defense against pulmonary fungal pathogens                                         | GOV                                  | \$60,000     |
| Washington University School of Medicine    | Dr. Jose Bernardo Saenz, M.D., Ph.D.  | St. Louis, MO    | Exploring the early events in Helicobacter pylori-induced gastric unit reorganization                                      | PC                                   | \$60,000     |
| Weill Medical College of Cornell University | Dr. Anthony Olaremi-George, Ph.D.     | New York, NY     | Characterizing the transcriptome-wide location and function of SoxO                                                        | PC                                   | \$60,000     |
| Harvard Medical School                      | Dr. Edwin Ernesto Reyes, Ph.D.        | Boston, MA       | The Contribution of CD8 <sup>+</sup> Treg to Anti-Tumor Immunity                                                           | PC                                   | \$60,000     |
| Harvard Medical School                      | Dr. Sirmie Lorene Foster, M.D., Ph.D. | Boston, MA       | Neuroimmune interactions in inflammatory pain                                                                              | PC                                   | \$60,000     |
| Harvard Medical School                      | Dr. Jihan Khara Osborne, Ph.D.        | Boston, MA       | Investigation of the role of the Lin28 paralogs during lung branching morphogenesis                                        | PC                                   | \$60,000     |
| Duke University                             | Dr. Max Manuel Villa, Ph.D.           | Durham, NC       | A high throughput platform for screening microbial interactions                                                            | PC                                   | \$60,000     |
| Vanderbilt University                       | Dr. Carrie L. Shaffer, Ph.D.          | Nashville, TN    | Caught in the Act: Visualizing the Architecture of Bacterial Type IV Secretion System Machinery at the Cell-Cell Interface | PC                                   | \$10,000     |
| TOTAL                                       |                                       |                  |                                                                                                                            |                                      | \$22,838,555 |

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2016  
 PART XV SUPPLEMENTAL INFORMATION - LINE 3B SCHEDULE #19  
 GRANTS APPROVED FOR FUTURE PAYMENT

| Name                                                  | Primary Contact                     | City, State                | Project Title                                                                                                 | Foundation Status of Recipient | Balance     |
|-------------------------------------------------------|-------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------|-------------|
| Health Research Alliance, Inc. (HRA)                  | Dr. Maryrose E. Franko, Ph.D.       | Research Triangle Park, NC | Support for the qHRAsp database                                                                               | PC                             | \$25,000    |
| Computational and Systems Neuroscience (Cosyne)       | Dr. Maria Neimark Geffen, Ph.D.     |                            | Support for the 2016 Physiology Course Alumni Fund and 2016 Course Director's Discretionary Fund              | PC                             | \$25,000    |
| Marine Biological Laboratory (MBL)                    | Ms. Mary Loftus                     | Woods Hole, MA             | Support for a lab management course for the Reproductive Scientist Development Program                        | PC                             | \$30,000    |
| Washington University                                 | Dr. Kelle H. Moley, M.D.            | St. Louis, MO              | Support for the 2016-2018 sessions of the Frontiers in Reproduction course                                    | PC                             | \$35,000    |
| Marine Biological Laboratory (MBL)                    | Dr. Mario Ascoli, Ph.D.             | Woods Hole, MA             | Support for the NCSLA Science Leadership Fellows Program for 2016 and 2017                                    | PC                             | \$382,000   |
| North Carolina Science Leadership Association         | Dr. Pat Mills Shane, Ph.D.          | NC                         | Support for the NCSLA Science Leadership Fellows Program for 2016 and 2017                                    | PC                             | \$20,000    |
| Association for the Preservation of the Eno River     | Ms. Liz Stabenow                    | Durham, NC                 | iWalk the Eno Science & Nature Camp and Eno Summer Science Academy a Year-Round Learning Experience           | PC                             | \$180,000   |
| Charlotte/Mecklenburg Schools                         | Mrs. Nancy H. Addison               | Charlotte, NC              | Enriching and Enhancing Hands-On Science at Title 1 Schools With Camp Invention                               | GOV                            | \$153,375   |
| Elizabeth City State University                       | Dr. Kuldeep S. Rawat                | Elizabeth City, NC         | College and Career Pathways to Aerospace/Aviation through Authentic and Experiential STEM Learning Activities | GOV                            | \$171,087   |
| Elon University                                       | Dr. Kimberly Beane Pyne, Ph.D.      | Elon, NC                   | Wildlife Studies Critical Carnivores                                                                          | PC                             | \$178,959   |
| North Carolina State University                       | Dr. Patrick W. Curfey, Ed.D.        | Raleigh, NC                | Coastal Inquirers                                                                                             | GOV                            | \$59,600    |
| North Carolina State University                       | Mr. Aaron Sims                      | Raleigh, NC                | RAIN (Raising Achievement through Inquiry and Networking) Across the River                                    | GOV                            | \$179,012   |
| North Carolina State University                       | Dr. Eric S. Money                   | Raleigh, NC                | GAPS (Geospatial Analytics for Problem Solving) for Hi-Tech Teens                                             | GOV                            | \$175,006   |
| Orange County Schools                                 | Ms. Erin Denniston                  | Hillsborough, NC           | Engineering Matters                                                                                           | GOV                            | \$170,000   |
| Rowan-Salisbury Schools                               | Mr. Neil Allen Pifer                | Salisbury, NC              | The BRIDGE (Building Research Investigators Doing Growth Experiences) program of Rowan Salisbury Schools      | GOV                            | \$180,000   |
| Foundation of the Carolinas                           | Ms. Linda Capley                    | Charlotte, NC              | The Summer Science Experience - Sixth Grade Science Sleuths and Ten80 PLUS                                    | PC                             | \$179,934   |
| Lenoir County Public Schools                          | Ms. Becky Lynn Hines                | Kinston, NC                | Lenoir County Public Schools STEM Summer Camp                                                                 | GOV                            | \$164,910   |
| Mount Airy City Schools                               | Mrs. Kimberly Morrison, D.O., Ph.D. | Mount Airy, NC             | RCR Future Drivers                                                                                            | GOV                            | \$169,650   |
| Aurora Fossil Museum Foundation, Inc.                 | Ms. Cynthia D. Crane                | Aurora, NC                 | IMAGINE-NC Integrating Mathematics and Geology In Eastern North Carolina                                      | PC                             | \$178,010   |
| Friends of the North Carolina State Museum of Natural | Ms. Catherine Clark                 | Raleigh, NC                | Teen Science Cafés                                                                                            | GOV                            | \$58,349    |
| Total                                                 |                                     |                            |                                                                                                               |                                | \$2,714,892 |