

Form **990-PF****Return of Private Foundation**

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

Department of the Treasury
Internal Revenue ServiceDo 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.

OMB No. 1545-0052

2016

Open to Public Inspection

For calendar year 2016 or tax year beginning **SEP 1, 2016**, and ending **AUG 31, 2017**

Name of foundation **Burroughs Wellcome Fund**

Number and street (or P.O. box number if mail is not delivered to street address) **21 T. W. Alexander Drive P.O. Box 13901**

Room/suite **Room/suite**

City or town, state or province, country, and ZIP or foreign postal code **Research Triangle Park, NC 27709-3901**

G Check all that apply: ☐ Initial return ☐ Initial return of a former public charity ☐ Final return ☐ Amended return ☐ Address change ☐ Name change

H Check type of organization: ☒ Section 501(c)(3) exempt private foundation ☐ Section 4947(a)(1) nonexempt charitable trust ☐ Other taxable private foundation

I Fair market value of all assets at end of year (from Part II, col (c), line 16) **\$ 769,547,725.** **J** Accounting method ☐ Cash ☒ Accrual ☐ Other (specify) _____

A Employer identification number **23-7225395**

B Telephone number **919-991-5100**

C If exemption application is pending, check here ☐

D 1 Foreign organizations, check here ☐

2 Foreign organizations meeting the 85% test, check here and attach computation ☐

E If private foundation status was terminated under section 507(b)(1)(A), check here ☐

F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here ☐

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)
1 Contributions, gifts, grants, etc., received		0.		N/A	
2 Check ☒ if the foundation is not required to attach Sch. B					
3 Interest on savings and temporary cash investments		3,016.	3,016.		Statement 1
4 Dividends and interest from securities		10,557,756.	10,568,192.		Statement 2
5a Gross rents					
b Net rental income or (loss)					
6a Net gain or (loss) from sale of assets not on line 10		41,443,518.			
b Gross sales price for all assets on line 6a 856,586,482.					
7 Capital gain net income (from Part IV, line 2)			40,500,532.		
8 Net short-term capital gain					
9 Income modifications					
10a Gross sales less returns and allowances					
b Less: Cost of goods sold					
c Gross profit or (loss)					
11 Other income		573,627.	<36,141.>		Statement 3
12 Total. Add lines 1 through 11		52,577,917.	51,035,599.		
13 Compensation of officers, directors, trustees, etc.		902,568.	347,118.		550,450.
14 Other employee salaries and wages		1,930,756.	96,075.		1,834,681.
15 Pension plans, employee benefits		949,589.	112,896.		836,693.
16a Legal fees Stmt 4		13,701.	2,055.		11,646.
b Accounting fees Stmt 5		113,333.	44,555.		44,555.
c Other professional fees Stmt 6		2,610,148.	2,398,285.		140,301.
17 Interest					
18 Taxes RECEIVED		789,761.	0.		0.
19 Depreciation and depletion		392,928.	58,939.		
20 Occupancy JUL 06 2018		314,068.	47,110.		266,958.
21 Travel, conferences, and meetings		884,909.	18,550.		741,319.
22 Printing and publications		157,949.	20,475.		117,350.
23 Other expenses OGDEN, Stmt 8		886,478.	51,647.		713,086.
24 Total operating and administrative expenses. Add lines 13 through 23		9,946,188.	3,197,705.		5,257,039.
25 Contributions, gifts, grants paid		34,144,094.			30,767,279.
26 Total expenses and disbursements. Add lines 24 and 25		44,090,282.	3,197,705.		36,024,318.
27 Subtract line 26 from line 12:					
a Excess of revenue over expenses and disbursements		8,487,635.			
b Net investment income (if negative, enter -0-)			47,837,894.		
c Adjusted net income (if negative, enter -0-)				N/A	

Part II Balance Sheets		Attached schedules and amounts in the description column should be for end-of-year amounts only		
		Beginning of year	End of year	
		(a) Book Value	(b) Book Value	(c) Fair Market Value
Assets	1 Cash - non-interest-bearing			
	2 Savings and temporary cash investments	20,303,882.	2,229,440.	2,229,440.
	3 Accounts receivable ▶ 39,902.			
	Less: allowance for doubtful accounts ▶	54,543.	39,902.	39,902.
	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	20,607.	105,830.	105,830.
	10a Investments - U.S. and state government obligations Stmt 9	32,791,168.	31,136,247.	31,136,247.
	b Investments - corporate stock Stmt 10	495,030,060.	548,870,200.	548,870,200.
	c Investments - corporate bonds Stmt 11	37,336,404.	38,056,510.	38,056,510.
	Liabilities	11 Investments: land, buildings, and equipment basis ▶		
Less: accumulated depreciation ▶				
12 Investments - mortgage loans				
13 Investments - other Stmt 12		123,712,689.	140,139,037.	140,139,037.
14 Land, buildings, and equipment: basis ▶ 17,027,069.				
Less: accumulated depreciation STMT #15 ▶ 9,359,771.		8,050,058.	7,667,298.	7,667,298.
15 Other assets (describe ▶ Statement 13)		1,650,522.	1,303,261.	1,303,261.
16 Total assets (to be completed by all filers - see the instructions. Also, see page 1, item I)		718,949,933.	769,547,725.	769,547,725.
17 Accounts payable and accrued expenses		5,419,366.	6,684,125.	
18 Grants payable		97,740,868.	101,117,272.	
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 14)	1,445,809.	2,214,809.	
23 Total liabilities (add lines 17 through 22)	104,606,043.	110,016,206.		
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here ▶ ☒ and complete lines 24 through 26 and lines 30 and 31.			
	24 Unrestricted	614,343,890.	659,531,519.	
	25 Temporarily restricted			
	26 Permanently restricted			
	Foundations that do not follow SFAS 117, check here .. ▶ ☐ 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	614,343,890.	659,531,519.		
31 Total liabilities and net assets/fund balances	718,949,933.	769,547,725.		

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 (must agree with end-of-year figure reported on prior year's return)	1	614,343,890.
2 Enter amount from Part I, line 27a	2	8,487,635.
3 Other increases not included in line 2 (itemize) ▶ Unrealized Gain on Investments	3	37,468,994.
4 Add lines 1, 2, and 3	4	660,300,519.
5 Decreases not included in line 2 (itemize) ▶ Deferred Excise Tax	5	769,000.
6 Total net assets or fund balances at end of year (line 4 minus line 5) - Part II, column (b), line 30	6	659,531,519.

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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 P - Purchase D - Donation	(c) Date acquired (mo., day, yr.)	(d) Date sold (mo., day, yr.)
1a Sale of Publicly Traded Securities		P	Various	Various
b Flow Through From K-1's		P	Various	Various
c				
d				
e				

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
a 856,586,482.		815,142,964.	41,443,518.
b		942,986.	<942,986.>
c			
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 as of 12/31/69	(k) Excess of col. (i) over col. (j), if any	(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col. (h))
a			41,443,518.
b			<942,986.>
c			
d			
e			

2 Capital gain net income or (net capital loss)	{ If gain, also enter in Part I, line 7 If (loss), enter -0- in Part I, line 7	2	40,500,532.
3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6):	If gain, also enter in Part I, line 8, column (c). If (loss), enter -0- in Part I, line 8	3	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 Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col. (b) divided by col. (c))
2015	36,622,580.	687,855,301.	.053242
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

2 Total of line 1, column (d)	2	.255564
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	.051113
4 Enter the net value of noncharitable-use assets for 2016 from Part X, line 5	4	714,814,678.
5 Multiply line 4 by line 3	5	36,536,323.
6 Enter 1% of net investment income (1% of Part I, line 27b)	6	478,379.
7 Add lines 5 and 6	7	37,014,702.
8 Enter qualifying distributions from Part XII, line 4	8	36,032,960.

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. See the Part VI instructions.

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 ☐ and enter "N/A" on line 1. 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 ☐ and enter 1% of Part I, line 27b	1	956,758.
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	956,758.
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	956,758.
6	Credits/Payments:		
a	2016 estimated tax payments and 2015 overpayment credited to 2016	6a	598,123.
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	598,123.
8	Enter any penalty for underpayment of estimated tax. Check here ☒ if Form 2220 is attached	8	7,217.
9	Tax due. If the total of lines 5 and 8 is more than line 7, enter amount owed	9	365,852.
10	Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid	10	
11	Enter the amount of line 10 to be: Credited to 2017 estimated tax ☐ Refunded ☐	11	

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
b Did it spend more than \$100 during the year (either directly or indirectly) for political purposes (see instructions for the definition)? 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
c 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: (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? If "Yes," attach a detailed description of the activities	2	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	3	X
4a Did the foundation have unrelated business gross income of \$1,000 or more during the year?	4a	X
b If "Yes," has it filed a tax return on Form 990-T for this year?	4b	
5 Was there a liquidation, termination, dissolution, or substantial contraction during the year? If "Yes," attach the statement required by General Instruction T	5	X
6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either: • By language in the governing instrument, or • 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?	6	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	7	X
8a Enter the states to which the foundation reports or with which it is registered (see instructions) <u>NC</u>		
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	8b	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 2016 or the taxable year beginning in 2016 (see instructions for Part XIV)? If "Yes," complete Part XIV	9	X
10 Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses	10	X

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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).		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)		X
13 Did the foundation comply with the public inspection requirements for its annual returns and exemption application?	X	
Website address ► <u>www.bwfund.org</u>		
14 The books are in care of ► <u>The 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 ☐ and enter the amount of tax-exempt interest received or accrued during the year <u>15</u> N/A		
16 At any time during calendar year 2016, 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?	Yes	No
See the instructions for exceptions and filing requirements for FinCEN Form 114. If "Yes," enter the name of the foreign country ►		X

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? ☐ Yes ☒ No		
(2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person? ☐ Yes ☒ No		
(3) Furnish goods, services, or facilities to (or accept them from) a disqualified person? ☐ Yes ☒ No		
(4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person? ☒ Yes ☐ 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)? ☐ Yes ☒ 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.) ☐ Yes ☒ 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 2016?	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 2016, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2016? ☐ Yes ☒ 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.) N/A	2b	
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? ☒ Yes ☐ No		
b If "Yes," did it have excess business holdings in 2016 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 2016.)	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 2016?	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)?

5b

X

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 ☒ No

b Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract?

6b

X

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 ☒ No

b If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction?

N/A

7b

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 21 T.W. Alexander Drive RTP, NC 27709-3901	President - Director 38.00	453,450.	60,767.	0.
Scott Schoedler 21 T.W. Alexander Drive RTP, NC 27709-3901	V.P. Finance 38.00	342,118.	62,019.	0.
Please see attached schedule #16 21 T.W. Alexander Drive RTP, NC 27709-3901	0.00	107,000.	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	Senior Asset and Accounting Manager 38.00	140,260.	42,034.	0.
Victoria McGovern - 21 T.W. Alexander Drive, RTP, NC 27709-3901	Senior Program Officer 38.00	134,000.	32,207.	0.
Rusty Kelley - 21 T.W. Alexander Drive, RTP, NC 27709-3901	Senior Program Officer 38.00	113,350.	38,598.	0.
Rolly Simpson - 21 T.W. Alexander Drive, RTP, NC 27709-3901	Senior Program Officer 38.00	111,140.	35,756.	0.
Alfred Mays - 21 T.W. Alexander Drive, RTP, NC 27709-3901	Senior Program Officer 38.00	101,280.	25,334.	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	569,199.
Johnston Asset Management		
1 Landmark Square, Stamford, CT 06901	Money Management	271,067.
LSV Asset Management		
155 North Wacker Drive, Chicago, IL 60606	Money Management	252,820.
Hansberger Growth Investors		
550 Science Drive, Madison, WI 53711	Money Management	247,799.
Northern Cross		
125 Summer Street, Boston, MA 02110	Money Management	215,693.
Total number of others receiving over \$50,000 for professional services		12

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.

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	721,599,353.
b	Average of monthly cash balances	1b	1,546,768.
c	Fair market value of all other assets	1c	2,554,060.
d	Total (add lines 1a, b, and c)	1d	725,700,181.
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	725,700,181.
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)	4	10,885,503.
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5	714,814,678.
6	Minimum investment return. Enter 5% of line 5	6	35,740,734.

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	35,740,734.
2a	Tax on investment income for 2016 from Part VI, line 5	2a	956,758.
b	Income tax for 2016. (This does not include the tax from Part VI.)	2b	
c	Add lines 2a and 2b	2c	956,758.
3	Distributable amount before adjustments. Subtract line 2c from line 1	3	34,783,976.
4	Recoveries of amounts treated as qualifying distributions	4	573,627.
5	Add lines 3 and 4	5	35,357,603.
6	Deduction from distributable amount (see instructions)	6	0.
7	Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1	7	35,357,603.

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	36,024,318.
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	8,642.
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	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4	4	36,032,960.
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	0.
6	Adjusted qualifying distributions. Subtract line 5 from line 4	6	36,032,960.

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.

Form 990-PF (2016)

Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2015	(c) 2015	(d) 2016
1 Distributable amount for 2016 from Part XI, line 7				35,357,603.
2 Undistributed income, if any, as of the end of 2016				
a Enter amount for 2015 only			7,207,505.	
b Total for prior years:		0.		
3 Excess distributions carryover, if any, to 2016:				
a From 2011				
b From 2012				
c From 2013				
d From 2014				
e From 2015				
f Total of lines 3a through e	0.			
4 Qualifying distributions for 2016 from Part XII, line 4: ▶ \$ 36,032,960.				
a Applied to 2015, but not more than line 2a			7,207,505.	
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 2016 distributable amount				28,825,455.
e Remaining amount distributed out of corpus	0.			
5 Excess distributions carryover applied to 2016 (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 2015. Subtract line 4a from line 2a. Taxable amount - see instr.			0.	
f Undistributed income for 2016. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2017				6,532,148.
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 2011 not applied on line 5 or line 7	0.			
9 Excess distributions carryover to 2017. Subtract lines 7 and 8 from line 6a	0.			
10 Analysis of line 9:				
a Excess from 2012				
b Excess from 2013				
c Excess from 2014				
d Excess from 2015				
e Excess from 2016				

Part XIV Private Operating Foundations (see instructions and Part VII-A, question 9)	
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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 2016, enter the date of the ruling ▶
- b** Check box to indicate whether the foundation is a private operating foundation described in section 513(c)(1) ☐ 4942(D)(3) or ☐ 4942(D)(5)

		Prior 3 years				
Tax year		(a) 2016	(b) 2015	(c) 2014	(d) 2013	(e) Total
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, www.bwfund.org
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 Statment #17

- c Any submission deadlines:

Please See Statment #17

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

Please See Statment #17

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

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
a Paid during the year				
Various Please see Statement #18				27,015,013.
Various Please see Statement #18				3,752,266.
Total			3a	30,767,279.
b Approved for future payment				
Various Please see Statement #19				31,915,692.
Various Please see Statement #19				1,716,500.
Total			3b	33,632,192.

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

Source	(a) Revenue Per Books	(b) Net Investment Income	(c) Adjusted Net Income
Checking Account	3,016.	3,016.	
Total to Part I, line 3	3,016.	3,016.	

Form 990-PF	Dividends and Interest from Securities	Statement	2
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Source	Gross Amount	Capital Gains Dividends	(a) Revenue Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income
Flow throughs from K-1's	0.	0.	0.	10,436.	
Interest & Dividends	10,557,756.	0.	10,557,756.	10,557,756.	
To Part I, line 4	10,557,756.	0.	10,557,756.	10,568,192.	

Form 990-PF	Other Income	Statement	3
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Description	(a) Revenue Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income
Partnership Income	0.	<36,141.>	
Grant Funds Returned	573,627.	0.	
Total to Form 990-PF, Part I, line 11	573,627.	<36,141.>	

Form 990-PF	Legal Fees	Statement	4
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Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
Legal	13,701.	2,055.		11,646.
To Fm 990-PF, Pg 1, ln 16a	13,701.	2,055.		11,646.

Form 990-PF	Accounting Fees			Statement	5
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes	
PricewaterhouseCoopers LLP	113,333.	44,555.		44,555.	
To Form 990-PF, Pg 1, ln 16b	113,333.	44,555.		44,555.	

Form 990-PF	Other Professional Fees			Statement 6
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
Investment Expense	2,398,285.	2,398,285.		0.
Consulting	211,863.	0.		140,301.
To Form 990-PF, Pg 1, ln 16c	2,610,148.	2,398,285.		140,301.

Form 990-PF	Taxes			Statement	7
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes	
Federal Excise Tax	789,761.	0.			0.
To Form 990-PF, Pg 1, ln 18	789,761.	0.			0.

**990-PF Other Expenses
for FY 2017**

Statement #8

Description	Expenses Per Books	Net Invest- ment Income	Adjusted Net Income	Charitable Puposes
Office / Administrative	106,952	3,988		22,602
Telephone / Information Technology	229,005	30,748		174,234
Staff Development	7,938	1,153		6,535
General Insurance	30,781	4,617		26,164
Miscellaneous Expense	54,688	1,496		57,396
Advertising	85,614	9,645		54,655
Honoraria paid to non-disqualified people	371,500			371,500
To From 990-PF, PG 1, ln 23	886,478	51,647	-	713,086

Form 990-PF	U.S. and State/City Government Obligations	Statement	9
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Description	U.S. Gov't	Other Gov't	Book Value	Fair Market Value
US and Foreign Gov't Obligations	X		31,136,247.	31,136,247.
Total U.S. Government Obligations			31,136,247.	31,136,247.
Total State and Municipal Government Obligations				
Total to Form 990-PF, Part II, line 10a			31,136,247.	31,136,247.

Form 990-PF	Corporate Stock	Statement 10
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Description	Book Value	Fair Market Value
Corporate Stocks	548,870,200.	548,870,200.
Total to Form 990-PF, Part II, line 10b	548,870,200.	548,870,200.

Form 990-PF	Corporate Bonds	Statement 11
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Description	Book Value	Fair Market Value
Corporate Bonds	38,056,510.	38,056,510.
Total to Form 990-PF, Part II, line 10c	38,056,510.	38,056,510.

Form 990-PF	Other Investments	Statement 12
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Description	Valuation Method	Book Value	Fair Market Value
Other Investments	FMV	140,139,037.	140,139,037.
Total to Form 990-PF, Part II, line 13		140,139,037.	140,139,037.

Form 990-PF	Other Assets	Statement 13
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Description	Beginning of Yr Book Value	End of Year Book Value	Fair Market Value
Federal Excise Tax Receivable	333,345.	0.	0.
Accrued Interest and Dividends	1,317,177.	1,303,261.	1,303,261.
To Form 990-PF, Part II, line 15	1,650,522.	1,303,261.	1,303,261.

Form 990-PF	Other Liabilities	Statement 14
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Description	BOY Amount	EOY Amount
Deferred Federal Excise Tax Payable	1,445,809.	2,214,809.
Total to Form 990-PF, Part II, line 22	1,445,809.	2,214,809.

Burroughs Wellcome Fund
Page 2 Part II line 14 Fixed Asset schedule #15
990-PF 2016 for Fiscal year ended 8/31/2017

Assets

	Balance 8/31/2016	Additions	Retirements	Balance 8/31/2017
Building	13,450,864	-	-	13,450,864
Furniture/Office Equipment	2,171,544	991	-	2,172,535
Computer Hardware	1,300,234	8,933	-	1,309,167
Fixed Assets - Other	94,261	242	-	94,503
Total	17,016,903	10,166	-	17,027,069

Accumulated Depreciation

	Accumulated Depreciation 8/31/2016	Depreciation Expense	Retirements	Accumulated Depreciation 8/31/2017
Building	5,983,454		-	5,983,454
Furniture/Office Equipment	2,049,121	38,717	-	2,087,838
Computer Hardware	1,270,549	17,930	-	1,288,479
Fixed Assets - Other	-	-	-	-
Total	9,303,124	56,647	-	9,359,771

Burroughs Wellcome Fund Supplementary Statement for fiscal year ending 08/31/2017**Attachment to Statement #16****All individuals on this statement can be reached at the Burroughs Wellcome Fund's offices.**

NAME	TITLE	AVERAGE HOURS	COMPENSATION	EMPLOYEE BENEFIT	EXPENSE
		per WEEK		CONTRIBUTION	ACCOUNT
Bruce Alberts honorarium	Board Member	1	10,000.00	0	0
Nancy Andrews honorarium	Board Member	1	15,000.00	0	0
Emery Brown honorarium	Board Member	1	10,000.00	0	0
Terrence Dermody honorarium	Board Member	1	10,500.00	0	0
Michael Giarla honorarium	Investment Committee	1	500.00	0	0
Tim Hasara honorarium	Investment Committee	1	1,000.00	0	0
Melissa Nigro honorarium	Investment Committee	1	500.00	0	0
George Langford honorarium	Investment Committee	1	500.00	0	0
Kelsey Martin honorarium	Board Member	1	10,000.00	0	0
Roderick McInnes honorarium	Board Member	1	10,000.00	0	0
Lauretta Reeves honorarium	Board Member	1	11,500.00	0	0
Carla Shatz honorarium	Board Member	1	10,000.00	0	0
Michael Welsh honorarium	Board Member	1	10,000.00	0	0
Jenny P Ting honorarium	Board Member	1	7,500.00	0	0
Geoff Gerber honorarium	Investment Committee	1	0.00	0	0
Melissa Hieger honorarium	Investment Committee	1	0.00	0	0
James Hirschmann honorarium	Investment Committee	1	0.00	0	0

<u>Subtotal</u>	<u>107,000.00</u>
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Grant Programs

[Ad Hoc Grants](#)[Biomedical Sciences](#)[Career Guidance](#)[Diversity in Science](#)[Infectious Diseases](#)[Institutional Programs](#)[Interfaces in Science](#)[Regulatory Science](#)[Reproductive Sciences](#)[Science Education](#)[Translational Research](#)

Programs Offered

The Burroughs Wellcome Fund's grantmaking strategies support biomedical scientists at the beginning of their careers and areas of science that are poised for significant advancement but are currently undervalued and underfunded.

BWF has programs which support primary and secondary students, science and mathematics teachers, institutions, and academic scientists: postdoctoral-faculty bridging awards and faculty awards.

The majority of the BWF's grantmaking is through competitive award programs. Most awards are made to degree-granting institutions in the United States and Canada on behalf of individual researchers, who must be nominated by their institution. All institutions receiving awards must be tax-exempt 501(c)(3) organizations.

Each program has an Advisory Committee consisting of members who are external peer reviewers that lend their expertise and time to reviewing and assessing applications for BWF programs. BWF selects members of these committees for their scientific and educational expertise in the program areas. The committee meets, for some programs, to interview potential nominees, and make recommendations based on their experiences to the BWF Board of Directors. Members of the various advisory committees are complete and separate bodies from the BWF Board of Directors.

To apply for the competitive award programs, select the program below and follow the guidelines and application requirements. All applications must be submitted no later than 4:00 p.m., Eastern Time, on the deadline date provided for the indicated program.

To complement these competitive award programs, we also make modest grants on an "ad hoc" basis to nonprofit organizations conducting activities intended to improve the general environment for science. These noncompetitive grants are for activities closely related to our focus areas identified above.

The Burroughs Wellcome Fund is committed to supporting science education for primary and secondary students and has partnered with various organizations to help develop an infrastructure for improving science, mathematics, and technology education across North Carolina.

Awards supporting K-12 Education

Student STEM Enrichment Program

Deadline: April 16, 2018

These awards are targeted for career-oriented and practical programs intended to provide creative STEM enrichment activities for students in K-12 education who have shown exceptional skills and invest in STEM, as well as those perceived to have high potential.

Awards for Postdoctoral Fellows

The Burroughs Wellcome Fund is committed to supporting the early careers of promising scientists. Toward this end, BWF has developed four programs that are designed for advanced postdoctoral scientists to help make the transition to a faculty appointment:

Career Awards for Medical Scientists

Application Deadline: TBD

These awards are targeted toward medically trained individuals whose research proposal is in basic biomedical, disease-oriented, translational, or molecular, genetic, or pharmacological epidemiology research, and who intend to pursue careers in academia.

Career Awards at the Scientific Interface

Invited Proposal Deadline: January 10, 2018

These awards are targeted toward researchers whose doctoral training is in one of the physical, chemical or computational sciences and who intend to pursue academic research doing work that addresses biological questions.

Collaborative Research Travel Grant

Deadline: February 1, 2018

Collaborative Research Travel Grants provide up to \$15,000 in support for interdisciplinary biomedical researchers from degree-granting institutions to travel to a laboratory to acquire a new research technique or to facilitate collaboration.

Postdoctoral Enrichment Program

Deadline: January 16, 2018

The Postdoctoral Enrichment Program for underrepresented minorities provides \$50,000 over three years to support the development of underrepresented minority postdoctoral fellows in biomedical research.

Graduate Diversity Enrichment Program**Deadline: TBD**

The Graduate Diversity Enrichment Program (GDEP) provides a total of \$5,000 over two years to support underrepresented Ph.D. candidates enrolled in a North Carolina university and conducting biomedical research.

Awards for Faculty

The Burroughs Wellcome Fund has three programs for which faculty of degree-granting institutions in the United States and Canada are eligible:

Investigators in the Pathogenesis of Infectious Disease**Full Proposal Deadline: November 15, 2017**

These awards are targeted toward assistant professors for the study of pathogenesis, with a focus on the intersection of human and pathogen biology. The program is intended to shed light on the overarching issues of how human hosts handle infectious challenge.

Preterm Birth Initiative**Deadline: TBD**

These awards are targeted toward faculty whose work will increase the understanding of the biological mechanisms underlying parturition and spontaneous preterm birth. This program is also intended to bring together a diverse interdisciplinary group with expertise in genetics/genomics, immunology, microbiology, and proteomics along with the more traditional areas of parturition research such as maternal fetal medicine, obstetrics, and pediatrics to address the scientific issues related to preterm birth.

Innovation in Regulatory Science**Deadline: Late 2018**

Innovation in Regulatory Science Awards provides up to \$500,000 over five years to academic investigators who are addressing research questions that will lead to innovation in regulatory science, with ultimate translation of those results into improving the regulatory process. These awards are intended to provide support for academic researchers developing new methodologies or innovative approaches in regulatory science that will ultimately inform the regulatory decisions the Food and Drug Administration (FDA) and others make.

Awards for Institutions**Career Guidance for Trainees****Deadline: March 6, 2018**

These awards promote BWF's investment in the human capital of the research enterprise by supporting the development of new approaches to improving trainees' preparedness for jobs at and away from the bench.

Institutional Program Unifying Population and Laboratory Based Sciences**No further rounds anticipated.**

These awards are targeted toward institutions which provide training to bridge the gap between the population and computational sciences and the laboratory-based biological sciences. The award will support the training of researchers between existing concentrations of research strength in population approaches to human health and in basic biological sciences. The goal is to establish training programs by partnering researchers working in schools of medicine and schools (or academic divisions) of public health.

Physician-Scientist Institutional Awards**Invited Application Deadline: April 3, 2018**

These awards are targeted towards medical schools in the United States and Canada to create programs with the intent of increasing opportunities for the physician interested in a research career.

Awards for Teachers**Career Award for Science and Mathematics Teachers****Deadline: TBD**

These awards are targeted towards outstanding Science and Mathematics teachers in the North Carolina public K-12 schools.

Promoting Innovation in Science and Mathematics**Deadline: December 5, 2017**

These awards target teachers in the North Carolina public K-12 schools to assist providing quality hands-on, inquiry-based activities for students.

** Programs Overview****Research News and Announcements****BWF Invests \$9.1 Million in the Careers of Physician-Scientists****Program Officer Job Opportunity****BWF Invests \$12.5 Million to Address Physician-Scientist Workforce Shortage****more**

Check out our latest career guide on experimental quality.

EXPLORE CAREER TOOLS

Burroughs Wellcome Fund

21 T. W. Alexander Drive

Research Triangle Park, NC 27709

Telephone 919-991-5100

Grant Programs

Biomedical Sciences

Career Awards for Medical Scientists:

Five-year awards for physician scientists provide \$700,000 to bridge advanced postdoctoral/fellowship training and the early years of faculty service. This award addresses the on-going problem of increasing the number of physician scientists and will help facilitate the transition to a career in research.

Collaborative Research Travel Grants:

Provide up to \$15,000 in support for interdisciplinary biomedical researchers from degree-granting institutions to travel to a laboratory to acquire a new research technique or to facilitate collaboration.

Career Guidance

Career Guidance for Trainees:

Provides up to \$50,000 over a one-year period to support demonstration projects that will model affordable approaches to improving trainees' readiness for stable, fulfilling careers.

Diversity in Science

Postdoctoral Enrichment Program:

Provides \$60,000 over three years to support the development of underrepresented minority postdoctoral fellows in biomedical research.

Infectious Diseases

Investigators in the Pathogenesis of Infectious Disease:

Five-year awards provide \$500,000 for opportunities for accomplished investigators at the assistant professor level to study infectious disease pathogenesis, with a focus on the intersection of human and microbial biology. The program is intended to shed light on the overarching issues of how human hosts handle infectious challenge.

Interfaces in Science

Career Awards at the Scientific Interface:

Five-year awards provide \$500,000 to bridge advanced postdoctoral training and the early years of faculty service. These awards are intended to foster the early career development of researchers with backgrounds in the physical/mathematical/computational/engineering sciences whose work addresses biological questions.

Regulatory Science

Innovation in Regulatory Science

Awards: Provides up to \$500,000 over five years to academic investigators developing new methodologies or innovative approaches in regulatory science that will ultimately inform regulatory decisions.

Reproductive Science

Preterm Birth Initiative:

Provides \$600,000 over a four-year period to bring together a diverse interdisciplinary group with the more traditional areas of parturition research to address the scientific issues related to preterm birth.

Science Education

Career Awards for Science and Mathematics Teachers:

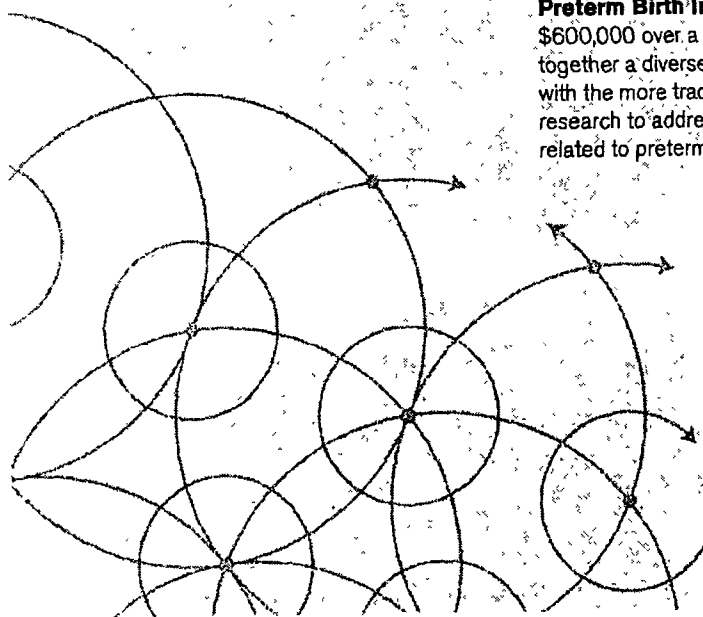
Five-year awards provide \$175,000 to eligible science or mathematics teachers in the North Carolina public primary and secondary schools. The purpose of this award is to recognize teachers who have demonstrated solid knowledge of science or mathematics content and have outstanding performance records in educating children. The award is a partnership between the North Carolina State Board of Education and BWF.

Student Science Enrichment Program:

Three-year awards provide up to \$180,000 to North Carolina nonprofit organizations, including public/private schools, universities, colleges, and museums. This program supports creative inquiry-based science enrichment activities that occur outside the typical school day for K-12 students. The program's goals are to nurture students' enthusiasm about science, expose them to the excitement of scientific discovery, and interest them in pursuing careers in research or a variety of other careers in science.

Promoting Innovation in Science and Mathematics:

Awards up to \$4,500 provide teachers with funding for materials, equipment, and training to conduct hands-on, inquiry-based science and mathematics projects in North Carolina public schools.



For complete program information, including deadlines, please visit www.bwfund.org

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2017
PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18
GRANTS PAID DURING THE YEAR

<u>NAME/ADDRESS/PURPOSE</u>	<u>Amount</u> <u>Check #</u> <u>Paid Date</u>	<u>Foundation</u> <u>Status of</u> <u>Recipient</u>
<u>Career Award at the Scientific Interface</u>		
Stanford University	60,000.00	PC
Lacramioara Bintu, Ph.D.	40568	
San Francisco, CA	2/15/2017	
<i>Dynamics of epigenetic regulation at the single-cell level</i>		
Stanford University	60,000.00	PC
Lacramioara Bintu, Ph.D.	41495	
San Francisco, CA	8/15/2017	
<i>Dynamics of epigenetic regulation at the single-cell level</i>		
Stanford University	60,000.00	PC
Alistair Nicol Boettiger, Ph.D.	40567	
San Francisco, CA	2/15/2017	
<i>Direct imaging of the nanoscale structural organization of chromatin as shaped by developmental signals</i>		
Stanford University	60,000.00	PC
Alistair Nicol Boettiger, Ph.D.	39929	
San Francisco, CA	10/14/2016	
<i>Direct imaging of the nanoscale structural organization of chromatin as shaped by developmental signals</i>		
University of Washington	35,000.00	GOV
Scott E Boyken, Ph.D.	41508	
Seattle, WA	8/15/2017	
<i>Programmable protein interaction specificity to engineer and interrogate cellular signaling</i>		
Yale University	60,000.00	PC
E. Hesper Rego, Ph.D.	40863	
New Haven, CT	4/13/2017	
<i>Drug use on the single cell level: differential antibiotic susceptibility of mycobacterial cells using fluorescent reporters.</i>		

Career Award at the Scientific Interface

Yale University E. Hesper Rego, Ph.D. New Haven, CT <i>Drug use on the single cell level: differential antibiotic susceptibility of mycobacterial cells using fluorescent reporters.</i>	108,391.00 40441 1/16/2017	PC
Stanford University Jan M. Skotheim, Ph.D. San Francisco, CA <i>A systems level approach to cell cycle control. from molecules to motifs to physiology</i>	52,486.70 40556 2/15/2017	PC
Massachusetts Institute of Technology Kwanghun Chung, Ph.D. Cambridge, MA <i>Clear, Lipid-exchanged, Anatomically Rigid, Imaging/immunostaining-compatible, Tissue hYdrogel (CLARITY) technology for high-throughput and high-content whole tissue analysis</i>	70,000.00 40559 2/15/2017	PC

Career Award at the Scientific Interface

Stanford University Lacramioara Bintu, Ph D. San Francisco, CA <i>Dynamics of epigenetic regulation at the single-cell level</i>	24,988.00 41047 5/15/2017	PC
California Institute of Technology Lulu Qian, Ph.D. Pasadena, CA <i>Exploring and re-realizing the principles of information processing in biology using artificial nucleic-acid systems</i>	70,000.00 40844 4/13/2017	PC
California Institute of Technology Octavio Mondragon-Palomino, Ph.D. Pasadena, CA <i>In situ dissection of bacteria-bacteria interactions on the mucosa of the mammalian gut</i>	35,000.00 41507 8/15/2017	PC
Career Award at the Scientific Interface Stanford University School of Medicine Alistair Nicol Boettiger, Ph.D. Stanford, CA <i>Direct imaging of the nanoscale structural organization of chromatin as shaped by developmental signals</i>	60,000.00 41494 8/15/2017	PC

California Institute of Technology				
Mikhail G. Shapiro, Ph.D.		50,000.00		PC
Pasadena, CA		39898		
<i>Genetically encoded reporters for sensitive non-invasive imaging of biological function</i>		10/14/2016		
California Institute of Technology				PC
Mikhail G. Shapiro, Ph.D.		50,000.00		
Pasadena, CA		40846		
<i>Genetically encoded reporters for sensitive non-invasive imaging of biological function</i>		4/13/2017		
University of Washington				GOV
Elizabeth A Nance, Ph.D.		60,000.00		
Seattle, WA		39918		
<i>Nanoparticle-mediated targeted therapies for pediatric brain disorders</i>		10/14/2016		
University of Washington				GOV
Elizabeth A Nance, Ph.D.		60,000.00		
Seattle, WA		40862		
<i>Nanoparticle-mediated targeted therapies for pediatric brain disorders</i>		4/13/2017		
University of Washington				GOV
Ramkumar Sabesan, Ph.D.		60,000.00		
Seattle, WA		39919		
<i>Studying visual function on a cellular scale</i>		10/14/2016		
<u>Career Award at the Scientific Interface</u>				
Johns Hopkins University				PC
Chen Li, Ph.D.		60,000.00		
Baltimore, MD		40574		
<i>The teradynamics of biological movement in complex terrain</i>		2/15/2017		
Harvard University				PC
Christina May Woo, Ph.D.		55,040.00		
Boston, MA 02115		40444		
<i>Expansion of the druggable proteome: understanding proteome-wide small molecule--protein interactions</i>		1/16/2017		
University of Utah				GOV
Paul A. Sigala, Ph.D.		60,000.00		
Salt Lake City, UT		40562		
<i>Mechanistic probes of heme metabolism in malaria parasites</i>		2/15/2017		
University of Utah				GOV
Paul A. Sigala, Ph.D.		60,000.00		
Salt Lake City, UT		41323		
<i>Mechanistic probes of heme metabolism in malaria parasites</i>		7/14/2017		

Career Award at the Scientific Interface**Board of Trustees of the Leland Stanford Junior University**

Bo Wang, Ph.D.

*In vivo imaging and functional genomic analysis of stem cells in human parasitic worm schistosoma*60,000.00
40109
11/15/2016

PC

Board of Trustees of the Leland Stanford Junior University

Bo Wang, Ph.D.

*In vivo imaging and functional genomic analysis of stem cells in human parasitic worm schistosoma*60,000.00
40560
2/15/2017

PC

Board of Trustees of the Leland Stanford Junior University

Bo Wang, Ph.D.

*In vivo imaging and functional genomic analysis of stem cells in human parasitic worm schistosoma*60,000.00
41488
8/15/2017

PC

Trustees of Princeton University

Amy Wesolowski, Ph.D.

*Impact of human travel on infectious disease dynamics*35,000.00
40579
2/15/2017

PC

Trustees of Princeton University

Jing Yan, Ph.D.

Princeton, NJ

*Resolving and analyzing living bacterial biofilms at the single cell level*35,000.00
40576
2/15/2017

PC

Trustees of Princeton University

Jing Yan, Ph.D.

Princeton, NJ

*Resolving and analyzing living bacterial biofilms at the single cell level*35,000.00
41502
8/15/2017

PC

Career Award at the Scientific Interface**Trustees of Columbia University in the City of New York**

Priya Moorjani, Ph.D.

New York, NY

*Learning about the rate and chronology of human evolution*35,000.00
41509
8/15/2017

PC

Trustees of Columbia University in the City of New York

Ashok Litwin-Kumar, Ph.D.

New York, NY

*Modeling distributed olfactory learning in rodents and insects*35,000.00
41512
8/15/2017

PC

Trustees of Columbia University in the City of New York Karen E. Kasza, Ph.D. New York, NY	60,000.00 40563 2/15/2017	PC
<i>Mechanical cues coordinating cell behaviors during morphogenesis</i> Trustees of Columbia University in the City of New York Karen E. Kasza, Ph.D. New York, NY	60,000.00 41324 7/14/2017	PC
<i>Mechanical cues coordinating cell behaviors during morphogenesis</i> Trustees of Columbia University in the City of New York Weijian Yang, Ph.D. New York, NY	35,000.00 40575 2/15/2017	PC
<i>Holographic mapping and manipulation of neuronal microcircuits</i> Trustees of Columbia University in the City of New York Weijian Yang, Ph.D. New York, NY	35,000.00 41501 8/15/2017	PC
<i>Holographic mapping and manipulation of neuronal microcircuits</i>		
<u>Career Award at the Scientific Interface</u>		
Duke University Dr. David Schneider Durham, NC	35,000.00 41235 6/15/2017	PC
<i>Neural circuits for making predictions and learning from mistakes</i> Board of Regents of the University of Wisconsin System Tatiana V Mishanina, Ph.D. Milwaukee, WI	35,000.00 41506 8/15/2017	GOV
<i>Visual-kinetic studies of pausing by bacterial RNA polymerase using time-resolved cryo-EM</i>		
Georgia Tech Research Corporation Dr. Francisco (Paco) Eduardo Robles, Ph.D. Atlanta, GA	60,000.00 41498 8/15/2017	SO III FI
<i>Molecular imaging based on the linear and nonlinear refractive index for biomedical applications</i>		
Georgia Tech Research Corporation Dr. Francisco (Paco) Eduardo Robles, Ph.D. Atlanta, GA	60,000.00 40572 2/15/2017	SO III FI
<i>Molecular imaging based on the linear and nonlinear refractive index for biomedical applications</i>		

Georgia Tech Research Corporation

Dr. Francisco (Paco) Eduardo Robles, Ph.D.
Atlanta, GA

Molecular imaging based on the linear and nonlinear refractive index for biomedical applications

SO III FI

60,000.00
39772
9/15/2016

Career Award at the Scientific Interface**Trustees of Boston University**

Allyson E Sgro, Ph.D.

PO Box 28763

New York, NY 10087

Greater as a whole: bridging intracellular signaling and population behaviors in collective systems

Trustees of Boston University

Allyson E Sgro, Ph.D.

PO Box 28763

New York, NY 10087

Greater as a whole: bridging intracellular signaling and population behaviors in collective systems

Regents of the University of Colorado

Dr. Adrienne Marie Rosales, Ph.D.

Denver, CO

Dynamic viscoelastic hydrogels to study mechanisms of fibrosis

Regents of the University of Colorado

Dr. Adrienne Marie Rosales, Ph.D.

Denver, CO

Dynamic viscoelastic hydrogels to study mechanisms of fibrosis

Pennsylvania State University

Xin Zhang, Ph.D.

University Park, PA

Scrutinizing the cellular and molecular mechanisms that create and maintain the functional proteome using chemical probes

PC

60,000.00
41497
8/15/2017

PC

60,000.00
41340
7/14/2017

PC

35,000.00
39801
9/15/2016

PC

35,000.00
40580
2/15/2017

GOV

60,000.00
40565
2/15/2017

Career Award at the Scientific Interface**Pennsylvania State University****Xin Zhang, Ph.D.****University Park, PA*****Scrutinizing the cellular and molecular mechanisms that create and maintain the functional proteome using chemical probes*****Northwestern University****Monica M Laronda, Ph.D.****Chicago, IL*****Engineering an artificial ovary to restore fertility and endocrine function in cancer survivors*****Northwestern University****Monica M Laronda, Ph.D.****Chicago, IL*****Engineering an artificial ovary to restore fertility and endocrine function in cancer survivors*****Career Award at the Scientific Interface****Regents of the University of California****Sergey A. Kryazhimskiy, Ph.D.****San Francisco, CA 94143*****Predicting evolution in microbial populations*****Regents of the University of California****Markita Patricia Landry, Ph.D.****San Francisco, CA 94143*****Synthetic antibodies for real-time monitoring of cellular protein imbalances and protein misfolding*****Regents of the University of California****Markita Patricia Landry, Ph.D.****San Francisco, CA 94143*****Synthetic antibodies for real-time monitoring of cellular protein imbalances and protein misfolding*****Regents of the University of California****Markita Patricia Landry, Ph.D.****San Francisco, CA 94143*****Synthetic antibodies for real-time monitoring of cellular protein imbalances and protein misfolding***

GOV

60,000.00

41492

8/15/2017

PC

60,000.00

40405

1/16/2017

PC

60,000.00

41499

8/15/2017

PC

60,000.00

41043

5/15/2017

PC

60,000.00

39773

9/15/2016

PC

60,000.00

40573

2/15/2017

PC

60,000.00

41221

6/15/2017

Regents of the University of California Alexander G Huth, Ph.D. San Francisco, CA 94143 <i>Comprehensive functional mapping of human cortex using generative models</i>	35,000.00 40577 2/15/2017	PC
Regents of the University of California Alexander G Huth, Ph.D. San Francisco, CA 94143 <i>Comprehensive functional mapping of human cortex using generative models</i>	35,000.00 41503 8/15/2017	PC
Career Award at the Scientific Interface Regents of the University of California Hernan G. Garcia, Ph.D. San Francisco, CA 94143 <i>Wiring up the synthetic fly</i>	60,000.00 40110 11/15/2016	PC
Regents of the University of California Hernan G. Garcia, Ph.D. San Francisco, CA 94143 <i>Wiring up the synthetic fly</i>	60,000.00 40561 2/15/2017	PC
Regents of the University of California Hernan G. Garcia, Ph.D. San Francisco, CA 94143 <i>Wiring up the synthetic fly</i>	60,000.00 41489 8/15/2017	PC
Harvard Medical School Amit Choudhary, Ph.D. Boston, MA <i>Snakes, antioxidants, and diabetes</i>	60,000.00 41490 8/15/2017	PC
Memorial Sloan-Kettering Cancer Center Ashley M Laughney Bakhoun, Ph.D. New York, NY 10017 <i>Uncovering transcriptional vulnerabilities in latent metastasis</i>	35,000.00 40578 2/15/2017	PC
Memorial Sloan-Kettering Cancer Center Ashley M Laughney Bakhoun, Ph.D. New York, NY 10017 <i>Uncovering transcriptional vulnerabilities in latent metastasis</i>	35,000.00 41504 8/15/2017	PC

Career Award at the Scientific Interface			
President and Fellows of Harvard College			
Po-Ru Loh, Ph.D.	60,000.00	PC	
Boston, MA	41513		
<i>Toward an early-warning system for leukemia: Characterizing mosaic copy number abnormalities</i>	8/15/2017		
President and Fellows of Harvard College			
Amit Choudhary, Ph.D.	60,000.00	PC	
Boston, MA	41046		
<i>Snakes, antioxidants, and diabetes</i>	5/15/2017		
President and Fellows of Harvard College			
Vivek Venkatachalam, Ph.D.	35,000.00	PC	
Boston, MA	40570		
<i>Lifetime behavior and neurophysiology in C. elegans</i>	2/15/2017		
President and Fellows of Harvard College			
Christina May Woo, Ph.D.	60,000.00	PC	
Boston, MA	40569		
<i>Expansion of the druggable proteome: understanding proteome-wide small molecule--protein interactions</i>	2/15/2017		
President and Fellows of Harvard College			
Christina May Woo, Ph.D.	60,000.00	PC	
Boston, MA	41496		
<i>Expansion of the druggable proteome: understanding proteome-wide small molecule--protein interactions</i>	8/15/2017		
Trustees of the University of Pennsylvania			
Eleni Katifori, Ph.D.	60,000.00	PC	
Philadelphia, PA	41486		
<i>Robustness and optimality in loopy biological distribution networks</i>	8/15/2017		
Career Award at the Scientific Interface			
Trustees of the University of Pennsylvania			
Matthew C Good, Ph.D.	60,000.00	PC	
Philadelphia, PA	40564		
<i>Cell size and shape dependence of intracellular assembly and signaling</i>	2/15/2017		
Trustees of the University of Pennsylvania			
Matthew C Good, Ph.D.	60,000.00	PC	
Philadelphia, PA	41491		
<i>Cell size and shape dependence of intracellular assembly and signaling</i>	8/15/2017		

President and Fellows of Harvard College Allon Moshe Klein, Ph.D. Boston, MA	60,000.00 40558 2/15/2017	PC
<i>Defining patterns and mechanisms of stem cell fate choice</i>		
Regents of the University of California Amy Elizabeth Shyer, Ph.D. 2195 Hearst Avenue, Room 130 Berkeley, CA 94720-1103	35,000.00 41510 8/15/2017	PC
<i>Investigating mechano-chemical mechanisms of mesenchymal morphogenesis in skin and bone</i>		
Regents of the University of California Prashant Mali, Ph.D. 2195 Hearst Avenue, Room 130 Berkeley, CA 94720-1103	50,000.00 40566 2/15/2017	PC
<i>Engineering normal and diseased liver organogenesis</i>		
Regents of the University of California Prashant Mali, Ph.D. 2195 Hearst Avenue, Room 130 Berkeley, CA 94720-1103	50,000.00 41493 8/15/2017	PC
<i>Engineering normal and diseased liver organogenesis</i>		
Career Award at the Scientific Interface Regents of the University of California Amy M Weeks, Ph.D. CA	35,000.00 41511 8/15/2017	PC
<i>Untangling the protease web. Chemical and enzymatic probes for dissection of proteolytic signaling in immune cells</i>		
Career Award for Science and Mathematics Teachers New Hanover County Schools Ms. Elizabeth Frances Foreman Wilmington, NC	30,000.00 41052 5/15/2017	GOV
<i>Career Award for Science and Mathematics Teachers: Elizabeth Foreman</i>		
Winston-Salem Forsyth County Schools Mr. Brad Thomas Rhew 475 Corporate Square Drive Winston-Salem, NC 27105	30,000.00 41055 5/15/2017	GOV
<i>Mind Gardens: Cultivating Literacy and Leadership through Science Inquiry</i>		

Cumberland County Schools
Ms. Rolie 'Andi' Adrienne Webb
Fayetteville, NC
Meaningful Mathematics for Mastery

Cumberland County Schools
Ms. Rolie 'Andi' Adrienne Webb
Fayetteville, NC
Meaningful Mathematics for Mastery

Duplin County Schools
Mr. Kirk Kennedy
Biology Education through CASMT

15,000.00	GOV
39933	
10/14/2016	
15,000.00	GOV
40877	
4/13/2017	
30,000.00	GOV
41054	
5/15/2017	

Career Award for Science and Mathematics Teachers

Buncombe County Schools	Mrs. Kimberly Clark	Asheville, NC	<i>Leading the Way to the Common Core</i>
Buncombe County Schools	Mrs. Kimberly Clark	Asheville, NC	<i>Leading the Way to the Common Core</i>
Craven County Schools	Mr. John D Scarffin	New Bern, NC	<i>Engineering the future of STEM Education.</i>
Craven County Schools	Mr. John D Scarffin	New Bern, NC	<i>Engineering the future of STEM Education.</i>
Wake County Public School System	Mrs. Jodi S Riedel	Raleigh, NC	<i>Food Science from Farm to Fork</i>
Wake County Public School System	Mrs. Jodi S Riedel	Raleigh, NC	<i>Food Science from Farm to Fork</i>

15,000.00 39901 10/14/2016	GOV
15,000.00 40849 4/13/2017	GOV
15,000.00 39934 10/14/2016	GOV
15,000.00 40878 4/13/2017	GOV
15,000.00 39930 10/14/2016	GOV
15,000.00 40874 4/13/2017	GOV

Career Award for Science and Mathematics Teachers

Johnston County Schools

Mrs. Lauren McLeod Strickland

Smithfield, NC

Improving Teaching & Learning through Professional Learning Labs

Gaston County Public Schools

Ms. Michelle Ellis

Gastonia, NC

It Takes a Village to Raise Student Achievement

Gaston County Public Schools

Ms. Michelle Ellis

Gastonia, NC

It Takes a Village to Raise Student Achievement

Alamance-Burlington School System

Ms. Melaine B. Rickard

Burlington, NC

Learning, Doing, Transforming, Leading: Becoming a STEM School

Durham Public Schools

Mrs Tomika R. Altman-Lewis

Durham, NC

The Power of STEM: Using STEM to Change the Mindset of Students and Empower Educators.

Durham Public Schools

Mrs. Tomika R. Altman-Lewis

Durham, NC

The Power of STEM. Using STEM to Change the Mindset of Students and Empower Educators.

5/15/2017
41053
30,000.00

GOV

10/14/2016
39902
15,000.00

GOV

4/13/2017
40850
15,000.00

GOV

30,000.00
41056
5/15/2017

GOV

15,000.00
39935
10/14/2016

GOV

15,000.00
40879
4/13/2017

GOV

Career Award for Science and Mathematics Teachers

Exploris Middle School

Ms. Sonja Celene Fischer McKay

Raleigh, NC

Designed

15,000.00
39903
10/14/2016

PC

Exploris Middle School	15,000.00	PC
Ms. Sorja Celene Fischer McKay	40851	
Raleigh, NC	4/13/2017	
<i>DesignEd</i>		
Union County Public Schools	15,000.00	GOV
Mr. Christopher Shannon Fisher	39900	
Monroe, NC	10/14/2016	
<i>Math Science 360</i>		
Union County Public Schools	15,000.00	GOV
Mr. Christopher Shannon Fisher	40848	
Monroe, NC	4/13/2017	
<i>Math Science 360</i>		
Alleghany County Schools	15,000.00	GOV
Ms. Michelle Wendy Beard	39899	
Sparta, NC	10/14/2016	
<i>Integrating Technology into the Science classroom to connect classroom learning with future career possibilities.</i>		
Alleghany County Schools	15,000.00	GOV
Ms. Michelle Wendy Beard	40847	
Sparta, NC	4/13/2017	
<i>Integrating Technology into the Science classroom to connect classroom learning with future career possibilities.</i>		
<u>Career Award for Science and Mathematics Teachers</u>		
Cabarrus County Schools	15,000.00	GOV
Ms. Jennifer Michelle McCarthy	39931	
Concord, NC	10/14/2016	
<i>It's Not Just Math: 21st Century Readiness through STEM Integration in Mathematics</i>		
Cabarrus County Schools	15,000.00	GOV
Ms. Jennifer Michelle McCarthy	40875	
Concord, NC	4/13/2017	
<i>It's Not Just Math: 21st Century Readiness through STEM Integration in Mathematics</i>		
Watauga County Schools	15,000.00	GOV
Mrs. Katie Mauldin Matthews	39932	
Boone, NC	10/14/2016	
<i>Science P.A.L.S.: Participating in Active Learning through Science</i>		

Watauga County Schools			
Mrs. Katie Mauldin Matthews	15,000.00	GOV	
Boone, NC	40876		
<i>Science P.A.L.S.: Participating in Active Learning through Science</i>	4/13/2017		
Career Awards in the Medical Sciences			
President and Fellows of Harvard College		PC	
Dr. Daniel Evan Bauer, M.D., Ph.D.	70,000.00		
Boston, MA	39936		
<i>Functional Characterization of Trail-Associated Enhancers</i>	10/14/2016		
President and Fellows of Harvard College		PC	
Dr. Shadmehr Demehri, M.D., Ph.D.	70,000.00		
Boston, MA	39777		
<i>Local and Systemic Effects of TSLP on Cancer</i>	9/15/2016		
Career Awards in the Medical Sciences			
President and Fellows of Harvard College		PC	
Dr. Shadmehr Demehri, M.D., Ph.D.	70,000.00		
Boston, MA	40702		
<i>Local and Systemic Effects of TSLP on Cancer</i>	3/15/2017		
President and Fellows of Harvard College		PC	
Dr. Joseph Douglas Mancias, M.D., Ph.D.	70,000.00		
Boston, MA	39781		
<i>Role of ferritinophagy in iron metabolism and pancreatic cancer</i>	9/15/2016		
President and Fellows of Harvard College		PC	
Dr. Joseph Douglas Mancias, M.D., Ph.D.	70,000.00		
Boston, MA	40706		
<i>Role of ferritinophagy in iron metabolism and pancreatic cancer</i>	3/15/2017		
President and Fellows of Harvard College		PC	
Dr. Alexander Spektor, M.D., Ph.D.	47,500.00		
Boston, MA	40713		
<i>The mechanism of DNA damage and chromothripsis from chromosome segregation errors</i>	3/15/2017		
Career Awards in the Medical Sciences			
President and Fellows of Harvard College		PC	
Dr. Alexander Spektor, M.D., Ph.D.	75,625.00		
Boston, MA	41355		
<i>The mechanism of DNA damage and chromothripsis from chromosome segregation errors</i>	7/14/2017		

President and Fellows of Harvard College				
Dr. Daniel Evan Bauer, M.D., Ph.D.				
Boston, MA				
<i>Functional Characterization of Trait-Associated Enhancers</i>				
Trustees of the University of Pennsylvania				
Dr. Malay Halдар, M.D., Ph.D.				
Philadelphia, PA				
<i>Halдар, Malay -- Transcription factor SPI-C at the interface of iron homeostasis and innate immunity.</i>				
Trustees of the University of Pennsylvania				
Dr. Rajan Jain, M.D.				
Philadelphia, PA				
<i>Nuclear lamina-chromatin interactions are drivers of cardiac progenitor cell commitment</i>				
Trustees of the University of Pennsylvania				
Dr. Matthew Stern Kayser, M.D., Ph.D.				
Philadelphia, PA				
<i>A role for sleep in synapse development and susceptibility to neuropsychiatric disorders</i>				
Trustees of the University of Pennsylvania				
Dr. Rajan Jain, M.D.				
Philadelphia, PA				
<i>Nuclear lamina-chromatin interactions are drivers of cardiac progenitor cell commitment</i>				
Career Awards in the Medical Sciences				
Trustees of the University of Pennsylvania				
Dr. Malay Halдар, M.D., Ph.D.				
Philadelphia, PA				
<i>Halдар, Malay -- Transcription factor SPI-C at the interface of iron homeostasis and innate immunity.</i>				
Trustees of the University of Pennsylvania				
Dr. Ethan Michael Goldberg, M.D., Ph.D.				
Philadelphia, PA				
<i>Goldberg, Ethan -- Analysis of circuit function informs novel therapeutic interventions in an epilepsy model</i>				
Trustees of the University of Pennsylvania				
Dr. Jay F. Dorsey, M.D., Ph.D.				
Philadelphia, PA				
<i>Identification of mSin3b and Mad4 as novel p53 target genes directing p53-mediated transcriptional repression</i>				

CHU Sainte-Justine

Dr. Jean-Sebastien Joyal, M.D., Ph.D.
Montreal, QC
Canada

70,000.00
39904
10/14/2016

PC

Joyal, Jean Sebastien - Neuronal Energy Metabolism Drives Angiogenesis

President and Fellows of Harvard College

Dr. Seth Rakoff-Nahoum, M.D., Ph.D.
Boston, MA

47,500.00
40418
1/16/2017

PC

Gut microbiota ecological interaction networks in health and disease

President and Fellows of Harvard College

Dr. Seth Rakoff-Nahoum, M.D., Ph.D.
Boston, MA

47,500.00
41234
6/15/2017

PC

Gut microbiota ecological interaction networks in health and disease

Career Awards in the Medical Sciences**President and Fellows of Harvard College**

Dr. Seth Rakoff-Nahoum, M.D., Ph.D.
Boston, MA

47,500.00
40458
1/16/2017

PC

Gut microbiota ecological interaction networks in health and disease

President and Fellows of Harvard College

Dr. Wendy Sarah Garrett, M.D., Ph.D.
Boston, MA

85,000.00
40683
3/15/2017

PC

Novel effectors and regulators of inflammation, chronic infection, and carcinogenesis in the colon

President and Fellows of Harvard College

Dr. Wendy Sarah Garrett, M.D., Ph.D.
Boston, MA

95,000.00
41317
7/14/2017

PC

Novel effectors and regulators of inflammation, chronic infection, and carcinogenesis in the colon

President and Fellows of Harvard College

Dr. Wendy Sarah Garrett, M.D., Ph.D.
Boston, MA

85,000.00
39730
9/15/2016

PC

Novel effectors and regulators of inflammation, chronic infection, and carcinogenesis in the colon

Regents of the University of Michigan

Dr. Jason Knight, M.D., Ph.D.
MI

70,000.00
39754
9/15/2016

PC

Knight, Jason -- Innate immunity in the pathogenesis of lupus and antiphospholipid vasculopathy

Career Awards in the Medical SciencesRegents of the University of Michigan

Dr. Jason Knight, M.D., Ph.D.

MI

70,000.00
40700
3/15/2017

PC

*Knight, Jason -- Innate immunity in the pathogenesis of lupus and antiphospholipid vasculopathy*Board of Regents of the University of Wisconsin

Dr. Jeniel Emily Nett, M.D., Ph.D.

Nett, Jeniel - Mechanisms of Candida Biofilm Immune Evasion

Trustees of the University of Pennsylvania

Dr. Matthew Stern Kayser, M.D., Ph.D.

Philadelphia, PA

A role for sleep in synapse development and susceptibility to neuropsychiatric disorders

University of North Carolina-Chapel Hill School of Medicine

Dr. Gaorav P Gupta, M.D., Ph.D.

Chapel Hill, NC

Gupta, Gaorav -- DNA Damage Responses in Breast Cancer Pathogenesis

University of Texas Southwestern Medical Center-Dallas

Dr. Rhea Myers Sumpter, Jr., M.D., Ph.D.

Dallas, TX

Sumpter, Rhea -- A novel role for FANCC in selective autophagy

University of Texas Southwestern Medical Center-Dallas

Dr. Rhea Myers Sumpter, Jr., M.D., Ph.D.

Dallas, TX

*Sumpter, Rhea -- A novel role for FANCC in selective autophagy*70,000.00
39746
9/15/2016

PC

47,500.00
40111
11/15/2016

GOV

47,500.00
40694
3/15/2017

GOV

Career Awards in the Medical SciencesRegents of the University of California

Dr. Roger Lo, M.D., Ph.D.

San Francisco, CA 94143

Melanoma in the skin: initiation, progression, and crosstalk with dermal fibroblasts

Regents of the University of California

Dr. Clark C. Chen, M.D., Ph.D.

San Francisco, CA 94143

*The molecular basis and therapeutic implications of genome instability during brain tumor progression*75,625.00
40681
3/15/2017

PC

70,000.00
41219
6/15/2017

PC

Regents of the University of California Dr. Devanand Sadanand Manoli, M.D., Ph.D. San Francisco, CA 94143 <i>Genetic models of social attachment in development and mental illness</i>	70,000.00 40715 3/15/2017	PC
Regents of the University of California Dr. Heidi Leigh Cook-Andersen, M.D., Ph.D. San Francisco, CA 94143 <i>Post-transcriptional gene regulation during the mammalian oocyte-to-embryo transition</i>	70,000.00 41354 7/14/2017	PC
Career Awards in the Medical Sciences		
Regents of the University of California Dr. Tiffany Crawford Scharschmidt, M.D. San Francisco, CA 94143 <i>Elucidating mechanisms of immune tolerance to skin commensal bacteria</i>	70,000.00 40306 12/15/2016	PC
Regents of the University of California Dr. Tiffany Crawford Scharschmidt, M.D. San Francisco, CA 94143 <i>Elucidating mechanisms of immune tolerance to skin commensal bacteria</i>	70,000.00 40714 3/15/2017	PC
Regents of the University of California Dr. Dhakshin Ramanathan, M.D., Ph.D. San Francisco, CA 94143 <i>Role of spindle oscillations in modulating neural plasticity and procedural memory consolidation</i>	70,000.00 41233 6/15/2017	PC
Regents of the University of California Dr. Bruce Mao Zheng Wang, M.D. San Francisco, CA 94143 <i>Wnt signaling and hepatocyte stem cells in liver homeostasis and cancer</i>	70,000.00 40417 1/16/2017	PC
Regents of the University of California Dr. Bruce Mao Zheng Wang, M.D. San Francisco, CA 94143 <i>Wnt signaling and hepatocyte stem cells in liver homeostasis and cancer</i>	70,000.00 40712 3/15/2017	PC
Regents of the University of California Dr. Alexander Marson, M.D., Ph.D. San Francisco, CA 94143 <i>Molecular characterization of non-coding genetic variants that promote human autoimmunity</i>	70,000.00 39800 9/15/2016	PC

Career Awards in the Medical Sciences**Regents of the University of California**

Dr. Alexander Marson, M.D., Ph.D.

San Francisco, CA 94143

*Molecular characterization of non-coding genetic variants that promote human autoimmunity*70,000.00
40716
3/15/2017

PC

Regents of the University of California

Dr. Devanand Sadanand Manoli, M.D., Ph.D.

San Francisco, CA 94143

*Genetic models of social attachment in development and mental illness*70,000.00
39799
9/15/2016

PC

Fred Hutchinson Cancer Research Center

Dr. Andrew Caleb Hsieh, M.D.

Seattle, WA

*Hsieh, Andrew -- Elucidating the role of aberrant translational control on prostate cancer invasion and metastasis*75,625.00
39747
9/15/2016

PC

University of Tennessee Health Science Center College of Medicine

Dr. Charles Gawad, M.D., Ph.D.

Memphis, TN

*Defining the Cellular and Genetic Origins of Childhood Acute Lymphoblastic Leukemia using Single-Cell Genomics*70,000.00
39778
9/15/2016

GOV

University of Tennessee Health Science Center College of Medicine

Dr. Charles Gawad, M.D., Ph.D.

Memphis, TN

*Defining the Cellular and Genetic Origins of Childhood Acute Lymphoblastic Leukemia using Single-Cell Genomics*70,000.00
40703
3/15/2017

GOV

Career Awards in the Medical Sciences**Memorial Sloan-Kettering Cancer Center**

Dr. Andrew Michael Intlekofer, M.D., Ph.D.

New York, NY 10017

*Investigating L-2-hydroxyglutarate production and its relevance to normal hematopoiesis and leukemogenesis*47,500.00
40305
12/15/2016

PC

Memorial Sloan-Kettering Cancer Center

Dr. Andrew Michael Intlekofer, M.D., Ph.D.

New York, NY 10017

*Investigating L-2-hydroxyglutarate production and its relevance to normal hematopoiesis and leukemogenesis*47,500.00
40711
3/15/2017

PC

Harvard Medical School			
Dr. Benjamin Elison Gewurz, M.D., Ph.D Boston, MA	75,625.00 39742	PC	
<i>Gewurz, Benjamin -- Identification of novel NFkB pathway components important for lymphomagenesis</i>	9/15/2016		
Harvard Medical School			
Dr. Benjamin Elison Gewurz, M.D., Ph.D. Boston, MA	75,625.00 41487	PC	
<i>Gewurz, Benjamin -- Identification of novel NFkB pathway components important for lymphomagenesis</i>	8/15/2017		
Duke University			
Dr. Scott Richard Floyd, M.D., Ph.D. Durham, NC	75,000.00 39741	PC	
<i>Floyd, Scott -- Insulating chromatin from DNA damage signaling: epigenetic modifications and connections to human cancer</i>	9/15/2016		
Duke University			
Dr. Christina Eleanor Barkauskas, M.D. Durham, NC	75,625.00 39749	PC	
<i>Barkauskas, Christina -- Epithelial-mesenchymal crosstalk in lung fibrosis and alveolar homeostasis</i>	9/15/2016		
Duke University			
Dr. Christina Eleanor Barkauskas, M.D. Durham, NC	75,625.00 40696	PC	
<i>Barkauskas, Christina -- Epithelial-mesenchymal crosstalk in lung fibrosis and alveolar homeostasis</i>	3/15/2017		
Duke University			
Dr. Scott Richard Floyd, M.D., Ph.D. Durham, NC	75,000.00 40689	PC	
<i>Floyd, Scott -- Insulating chromatin from DNA damage signaling: epigenetic modifications and connections to human cancer</i>	3/15/2017		
Career Awards in the Medical Sciences			
Massachusetts General Hospital			
Dr. Daniel P. Cahill, M.D., Ph.D. Boston, MA	87,500.00 40682	PC	
<i>Translational molecular genetic analyses of chemotherapeutic resistance in human brain tumors</i>	3/15/2017		

Weill Medical College of Cornell University Dr. Marcia Imielinski, M.D., Ph.D. New York, NY	70,000.00 39753 9/15/2016	PC
<i>Imielinski, Marcia -- Reconstructing complex loci in lung adenocarcinoma with large-insert whole genome sequencing</i>		
Weill Medical College of Cornell University Dr. Matthew Blake Greenblatt, M.D., Ph.D. New York, NY	70,000.00 39780 9/15/2016	PC
<i>Novel Mechanisms of Bone Formation</i>		
Weill Medical College of Cornell University Dr. Matthew Blake Greenblatt, M.D., Ph.D. New York, NY	70,000.00 40705 3/15/2017	PC
<i>Novel Mechanisms of Bone Formation</i>		
Weill Medical College of Cornell University Dr. Dan Avi Landau, M.D., Ph.D. New York, NY	70,000.00 39775 9/15/2016	PC
<i>Genetic and Epigenetic Determinants of Chronic Lymphocytic Leukemia Evolution</i>		
Trustees of Columbia University in the City of New York Dr. Kelley Yan, M.D., Ph.D. New York, NY	85,000.00 40107 11/15/2016	PC
<i>Yan, Kelley - Regulation of active and quiescent intestinal stem cells</i>		
Career Awards in the Medical Sciences Trustees of Columbia University in the City of New York Dr. Kelley Yan, M.D., Ph.D. New York, NY	85,000.00 40693 3/15/2017	PC
<i>Yan, Kelley - Regulation of active and quiescent intestinal stem cells</i>		
General Hospital Corporation d/b/a Massachusetts General Hospital Dr. David Tsai Ting, M.D. Boston, MA	70,000.00 39743 9/15/2016	PC
<i>Ting, David - Characterization of non-coding RNAs in pancreatic adenocarcinoma</i>		
University of Utah Dr. Eric Lee Snyder, M.D., Ph.D. Salt Lake City, UT	75,000.00 39736 9/15/2016	GOV
<i>Regulation of lung cancer progression by the cell fate determinant Nkx2.1</i>		
University of Washington Dr. James Toliver Bennett, M.D., Ph.D. Seattle, WA	70,000.00 41049 5/15/2017	GOV
<i>Impact of Somatic Mutations on Birth Defects</i>		

University of Washington Dr. Kevin Jon Cheung, M.D. Seattle, WA <i>Cheung, Kevin -- Elucidating the role of K14+ leader cells in breast cancer invasion and metastasis</i>	70,000.00 40698 3/15/2017	GOV
Yale University Dr. Karin Elisabeth Finberg, M.D., Ph.D. New Haven, CT <i>Finberg, Karin -- Identification of Novel Genetic Regulators of Mammalian Iron Homeostasis</i>	70,000.00 39732 9/15/2016	PC
Career Awards in the Medical Sciences Yale University Dr. Karin Elisabeth Finberg, M.D., Ph.D. New Haven, CT <i>Finberg, Karin -- Identification of Novel Genetic Regulators of Mammalian Iron Homeostasis</i>	70,000.00 40685 3/15/2017	PC
University of California-San Francisco Dr. Anna Victoria Rotberg Molofsky, M.D., Ph.D. San Francisco, CA <i>Astrocyte-Encoded Regional cues in Developmental Synapse Formation</i>	70,000.00 39779 9/15/2016	GOV
University of California-San Francisco Dr. Anna Victoria Rotberg Molofsky, M.D., Ph.D. San Francisco, CA <i>Astrocyte-Encoded Regional cues in Developmental Synapse Formation</i>	70,000.00 40704 3/15/2017	GOV
University of Chicago Dr. Michael Thomas Spiotto, M.D., Ph.D. Chicago, IL <i>Spiotto, Michael -- Identification of chromosomal aberrations that cooperate with the human papillomavirus to cause cancer</i>	70,000.00 40691 3/15/2017	PC
Stanford University Dr. Kevin Chun-Kai Wang, M.D., Ph.D. San Francisco, CA <i>Wang, Kevin -- Mechanisms of transcriptional regulation by long noncoding RNAs in partnership with chromatin modifying complexes</i>	75,625.00 39738 9/15/2016	PC

Stanford University Dr. Kevin Chun-Kai Wang, M.D., Ph.D. San Francisco, CA <i>Wang, Kevin -- Mechanisms of transcriptional regulation by long noncoding RNAs in partnership with chromatin modifying complexes</i>	75,625.00 41220 6/15/2017	PC
<u>Career Awards in the Medical Sciences</u>		
Stanford University Dr. Kevin Chun-Kai Wang, M.D., Ph.D. San Francisco, CA <i>Wang, Kevin -- Mechanisms of transcriptional regulation by long noncoding RNAs in partnership with chromatin modifying complexes</i>	75,625.00 40688 3/15/2017	PC
Vanderbilt University Dr. James Edward Cassat, M.D., Ph.D. Nashville, TN <i>Cassat, James - The contribution of host and pathogen to altered bone homeostasis and bacterial survival during osteomyelitis</i>	70,000.00 39750 9/15/2016	PC
Vanderbilt University Dr. James Edward Cassat, M.D., Ph.D. Nashville, TN <i>Cassat, James - The contribution of host and pathogen to altered bone homeostasis and bacterial survival during osteomyelitis</i>	70,000.00 40697 3/15/2017	PC
Massachusetts Institute of Technology Dr. Bluma J. Lesch, M.D., Ph.D. Cambridge, MA <i>Evolutionary and functional characterization of poised chromatin in the mammalian germ line</i>	47,500.00 39782 9/15/2016	PC
Massachusetts Institute of Technology Dr. Bluma J. Lesch, M.D., Ph.D. Cambridge, MA <i>Evolutionary and functional characterization of poised chromatin in the mammalian germ line</i>	47,500.00 40707 3/15/2017	PC
<u>Career Awards in the Medical Sciences</u>		
Cold Spring Harbor Laboratory Dr. Christopher Ryan Vakoc, M.D., Ph.D. Cold Spring Harbor, NY <i>Vakoc, Christopher -- Identifying epigenetic vulnerabilities in chemotherapy-resistant leukemia</i>	75,625.00 39737 9/15/2016	PC

Cold Spring Harbor Laboratory Dr. Christopher Ryan Vakoc, M.D., Ph.D. Cold Spring Harbor, NY <i>Vakoc, Christopher -- Identifying epigenetic vulnerabilities in chemotherapy-resistant leukemia</i>	75,625.00 40377 1/16/2017	PC
Cold Spring Harbor Laboratory Dr. Christopher Ryan Vakoc, M.D., Ph.D. Cold Spring Harbor, NY <i>Vakoc, Christopher -- Identifying epigenetic vulnerabilities in chemotherapy-resistant leukemia</i>	75,625.00 40687 3/15/2017	PC
Washington University Dr. Kory Joshua Lavine, M.D., Ph.D. Saint Louis, MO <i>Distinct Macrophage Lineages Govern Cardiac Recovery and Heart Failure Progression</i>	70,000.00 39783 9/15/2016	PC
Washington University Dr. Kory Joshua Lavine, M.D., Ph.D. Saint Louis, MO <i>Distinct Macrophage Lineages Govern Cardiac Recovery and Heart Failure Progression</i>	70,000.00 40708 3/15/2017	PC
Career Awards in the Medical Sciences University of Texas Southwestern Medical Center-Dallas Dr. Nikhil Vilas Munshi, M.D., Ph.D. Dallas, TX <i>Munshi, Nikhil -- Genomic Approaches to Understanding the Cis-Regulatory Architecture of the Atrioventricular Node</i>	70,000.00 39731 9/15/2016	GOV
University of Texas Southwestern Medical Center-Dallas Dr. Hao Zhu, M.D. Dallas, TX <i>Zhu, Hao -- Investigating the Lin28/let-7 pathway in mouse models of liver cancer and regeneration</i>	80,000.00 39744 9/15/2016	GOV
University of Texas Southwestern Medical Center-Dallas Dr. Richard Chih-Chien Wang, M.D., Ph.D. Dallas, TX <i>Wang, Richard -- Akt-mediated regulation of autophagy & tumorigenesis through formation of a beclin 1/keratin intermediate filament complex</i>	70,000.00 40692 3/15/2017	GOV

University of Texas Southwestern Medical Center--Dallas Dr. Nikhil Vilas Munshi, M.D., Ph.D. Dallas, TX	70,000.00 40684 3/15/2017	GOV
<i>Munshi, Nikhil -- Genomic Approaches to Understanding the Cis-Regulatory Architecture of the Atrioventricular Node</i>		
Baylor College of Medicine Dr. Joshua Marc Shulman, M.D., Ph.D. Houston, TX	75,625.00 39734 9/15/2016	PC
<i>Shulman, Joshua -- Exploring the Genetics of Parkinson's Disease in Humans and Drosophila</i>		
Career Awards in the Medical Sciences		
Baylor College of Medicine Dr. Joshua Marc Shulman, M.D., Ph.D. Houston, TX	75,625.00 40686 3/15/2017	PC
<i>Shulman, Joshua -- Exploring the Genetics of Parkinson's Disease in Humans and Drosophila</i>		
Baylor College of Medicine Dr. Joshua Marc Shulman, M.D., Ph.D. Houston, TX	40,196.56 39735 9/15/2016	PC
<i>Shulman, Joshua -- Exploring the Genetics of Parkinson's Disease in Humans and Drosophila</i>		
Washington University Dr. Jennifer M Alexander-Brett, M.D., Ph.D. Saint Louis, MO	75,625.00 39774 9/15/2016	PC
<i>Targeting the Regulatory Mechanism of the Nucleokine IL-33</i>		
Washington University Dr. Jennifer M Alexander-Brett, M.D., Ph.D. Saint Louis, MO	75,625.00 40701 3/15/2017	PC
<i>Targeting the Regulatory Mechanism of the Nucleokine IL-33</i>		
Washington University Dr. Brian Todd Edelson, M.D., Ph.D. Saint Louis, MO	75,625.00 39729 9/15/2016	PC
<i>Macrophage and dendritic cell development</i>		
Washington University Dr. Stacey Lynn Rentschler, M.D., Ph.D. Saint Louis, MO	75,625.00 39733 9/15/2016	PC
<i>Rentschler, Stacey -- The role of notch signaling in preexcitation and arrhythmias</i>		

Career Guidance**Rutgers University-Rutgers Biomedical and Health Sciences-New Jersey Medical School**

Dr. Nicholas M Ponzio, Ph.D.

NJ

*Providing biomedical Ph D. students with advanced communication skills for career transitions***Northwestern University**

Dr. Mearah Quinn-Brauner, Ph.D

Chicago, IL

*myDATA: Preparing Science PhDs for Careers in a Data-Driven World***Society for the Advancement of Chicanos and Native Americans in Science**

Dr. Antonia O. Franco, Ed.D.

1121 Pacific Avenue

Santa Cruz, CA 95060

*Igniting Minority Professional Advancement and Career Training (IMPACT)***Jackson Laboratory**

Ms. Melanie V. Sinche

*Conference to Career***Regents of the University of California**

Dr. David A. Fruman, Ph.D.

San Francisco, CA 94143

*Public Policy Prep Program at UC Irvine***Johns Hopkins University**

Dr. Patricia Voegelé Phelps, Ph.D.

Baltimore, MD

*Clinical and Regulatory Affairs Fellowship Training*36,166.00
39817

GOV

9/15/2016

48,000.00
41420

PC

7/14/2017

48,000.00
41421

PC

7/14/2017

48,000.00
41418

PC

7/14/2017

48,000.00
41520

PC

8/15/2017

31,000.00
41417

PC

7/14/2017

Career Guidance**University of Washington**

Dr. Rebecca M. Price, Ph.D.

Seattle, WA

*STEP Forward: a university-science center partnership through which postdocs communicate science with the general public and policymakers***Thomas Jefferson University**

Dr. Lisa M. Kozlowski, Ph.D.

Philadelphia, PA

*Online Teaching Immersion Experience*48,000.00
41416

GOV

7/14/2017

48,000.00
41419

PC

7/14/2017

Innovation in Regulatory Science Awards**Trustees of the University of Pennsylvania**

Andrew Douglas Maidment, Ph.D.
Philadelphia, PA

VICTRE - Virtual Clinical Trials in The Regulatory Environment

Trustees of the University of Pennsylvania

Andrew Douglas Maidment, Ph.D.
Philadelphia, PA

VICTRE - Virtual Clinical Trials in The Regulatory Environment

Brigham and Women's Hospital, Inc.

Calum Archibald MacRae, M.B. Ch.B., Ph.D.
Boston, MA

MacRae, Calum -- Building structure-related prediction algorithms for organ-specific drug toxicity through iterative modeling in novel zebrafish reporter lines

Brigham and Women's Hospital, Inc.

Calum Archibald MacRae, M.B. Ch.B., Ph.D.
Boston, MA

MacRae, Calum -- Building structure-related prediction algorithms for organ-specific drug toxicity through iterative modeling in novel zebrafish reporter lines

Innovation in Regulatory Science Awards**Regents of the University of California**

Kathleen M. Giacomini, Ph.D.

2195 Hearst Avenue, Room 130

Berkeley, CA 94720-1103

Systems pharmacology approaches to understanding drug-induced weight gain

Regents of the University of California

Kathleen M. Giacomini, Ph.D.

2195 Hearst Avenue, Room 130

Berkeley, CA 94720-1103

Systems pharmacology approaches to understanding drug-induced weight gain

UC Regents of the University of California

Patrick Allard, Ph.D.

Box 957089, 1125 Murphy Hall

405 Hilgard Avenue

Los Angeles, CA 90095-7089

Application of novel approaches towards germline toxicity assessment

PC

50,000.00
40893
4/13/2017

PC

50,000.00
39951
10/14/2016

PC

50,000.00
39907
10/14/2016

PC

50,000.00
41045
5/15/2017

PC

50,000.00
39906
10/14/2016

PC

50,000.00
41044
5/15/2017

GOV

50,000.00
39942
10/14/2016

UC Regents of the University of California

Patrick Allard, Ph.D.

Box 957089, 1125 Murphy Hall

405 Hilgard Avenue

Los Angeles, CA 90095-7089

*Application of novel approaches towards germline toxicity assessment***Duke University**

Erich S. Huang, M.D., Ph.D.

Durham, NC

*Provenance Laboratory for Auditable Regulatory Science (POLARIS): auditable**antibiotic development with the clinical trials transformation initiative*50,000.00
40883
4/13/2017

GOV

50,000.00
39938
10/14/2016

PC

Innovation in Regulatory Science Awards**Duke University**

Erich S. Huang, M.D., Ph.D.

Durham, NC

*Provenance Laboratory for Auditable Regulatory Science (POLARIS): auditable**antibiotic development with the clinical trials transformation initiative***Board of Regents of the University of Wisconsin System**

Mark E. Burkard, M.D., Ph.D.

Milwaukee, WI

*A chemical-genetic library of human cell lines for evaluating pharmacologic inhibition of protein kinases*50,000.00
39927
10/14/2016

GOV

Board of Regents of the University of Wisconsin System

Mark E. Burkard, M.D., Ph.D.

Milwaukee, WI

*A chemical-genetic library of human cell lines for evaluating pharmacologic inhibition of protein kinases*50,000.00
40870
4/13/2017

GOV

Montana State University

Darla M Goeres, Ph.D.

Bozeman, MT

*Methods to assess biofilm prevention on medical devices*50,000.00
39937
10/14/2016

GOV

Montana State University

Darla M Goeres, Ph.D.

Bozeman, MT

*Methods to assess biofilm prevention on medical devices*50,000.00
41050
5/15/2017

GOV

The Governing Council of the University of Toronto

Mary R. L'Abbe, Ph.D.

Toronto, ON

*Evaluation of nutrient profiling methods for nutrition regulation*50,000.00
39928
10/14/2016

PC

Innovation in Regulatory Science Awards**The Governing Council of the University of Toronto**

Mary R. L'Abbe, Ph.D.

Toronto, ON

*Evaluation of nutrient profiling methods for nutrition regulation***Oregon Health and Science University**

Shoukhrat Mitalipov, Ph.D.

Portland, OR

*Mitochondrial replacement therapy***Oregon Health and Science University**

Shoukhrat Mitalipov, Ph.D.

Portland, OR

*Mitochondrial replacement therapy***Brigham and Women's Hospital**

Vishal S. Vaidya, Ph.D.

Boston, MA

*Mapping the biology of a damaged kidney cell***Brigham and Women's Hospital**

Vishal S. Vaidya, Ph.D.

Boston, MA

*Mapping the biology of a damaged kidney cell***Dana Farber Cancer Institute**

Brian M Alexander, M.D.

Boston, MA

*Development of a biomarker enriched adaptive trial for patients with Glioblastoma*50,000.00
39908
10/14/2016

PC

50,000.00
40852
4/13/2017

PC

50,000.00
39924
10/14/2016

PC

Innovation in Regulatory Science Awards**Dana Farber Cancer Institute**

Brian M Alexander, M.D.

Boston, MA

*Development of a biomarker enriched adaptive trial for patients with Glioblastoma*50,000.00
40868
4/13/2017

PC

Duke University Medical Center

J. Matthew Brennan, M.D.

Durham, NC

*Administrative claims-based efficiencies for the advancement of regulatory sciences***Vanderbilt University School of Medicine**

Sara Lynn Van Driest, M.D., Ph.D.

Nashville, TN

*Leveraging big data for small patients***Vanderbilt University School of Medicine**

Sara Lynn Van Driest, M.D., Ph.D.

Nashville, TN

*Leveraging big data for small patients***Emory University**

Christopher Flowers, M.D.

Atlanta, GA

*Microsimulation modeling to evaluate the clinical effectiveness of novel cancer therapies***Emory University**

Christopher Flowers, M.D.

Atlanta, GA

*Microsimulation modeling to evaluate the clinical effectiveness of novel cancer therapies***Innovation in Regulatory Science Awards****Stanford University**

Joseph C. Wu, M.D., Ph.D.

San Francisco, CA

*Accelerating drug discovery with iPS cells and small molecule screen***Stanford University**

Joseph C. Wu, M.D., Ph.D.

San Francisco, CA

*Accelerating drug discovery with iPS cells and small molecule screen***University of Rochester**

Ray Dorsey, M.D.

Rochester, NY

*Incorporating smartphone research applications into clinical trials***University of Rochester**

Ray Dorsey, M.D.

Rochester, NY

Incorporating smartphone research applications into clinical trials

PC

50,000.00

39926

10/14/2016

PC

50,000.00

39940

10/14/2016

PC

50,000.00

40881

4/13/2017

PC

50,000.00

39950

10/14/2016

PC

50,000.00

40892

4/13/2017

PC

50,000.00

39941

10/14/2016

PC

50,000.00

40882

4/13/2017

GOV

50,000.00

39948

10/14/2016

GOV

50,000.00

40890

4/13/2017

Massachusetts Institute of Technology Kevin M Esvelt, Ph.D. Cambridge, MA <i>A model system to evaluate the dynamics and safety of gene drive applications</i>	50,000.00 39949 10/14/2016	PC
Massachusetts Institute of Technology Kevin M Esvelt, Ph.D. Cambridge, MA <i>A model system to evaluate the dynamics and safety of gene drive applications</i>	50,000.00 40891 4/13/2017	PC
<u>Innovation in Regulatory Science Awards</u>		
California Institute of Technology Rustem F. Ismagilov, Ph.D. Pasadena, CA <i>A microfluidic diagnostic platform to advance regulatory science</i>	50,000.00 39939 10/14/2016	PC
California Institute of Technology Rustem F. Ismagilov, Ph.D. Pasadena, CA <i>A microfluidic diagnostic platform to advance regulatory science</i>	50,000.00 40880 4/13/2017	PC
University of British Columbia Dana V. Devine, Ph.D. Vancouver, BC Canada <i>Refreshing the regulatory approach to ensuring the safety and efficacy of blood transfusion products</i>	50,000.00 39905 10/14/2016	PC
University of Wisconsin-Madison Susan Webb Yackee, Ph.D. Madison, WI <i>When politics intrudes on science: regulatory policymaking at the FDA</i>	50,000.00 39909 10/14/2016	GOV
University of Wisconsin-Madison Susan Webb Yackee, Ph.D. Madison, WI <i>When politics intrudes on science: regulatory policymaking at the FDA</i>	50,000.00 40853 4/13/2017	GOV
University of Wisconsin-Madison Randolph S. Ashton, Ph.D. Madison, WI <i>Organoid microarrays for pan-hindbrain and spinal cord screening</i>	50,000.00 39925 10/14/2016	GOV

Innovation in Regulatory Science Awards**University of Wisconsin-Madison**

Randolph S. Ashton, Ph.D.
Madison, WI

Organoid microarrays for pan-hindbrain and spinal cord screening

Institutional Program Unifying Population and Laboratory-based Sciences**Washington University**

Dr. Graham A. Colditz, M.D.
Saint Louis, MO

Transdisciplinary training in laboratory and population sciences at Washington University

Washington University

Dr. Graham A. Colditz, M.D.
Saint Louis, MO

Transdisciplinary training in laboratory and population sciences at Washington University

University of Rochester

Dr. Nancy M Bennett, M.D.
Rochester, NY

Infection and immunity: from molecules to populations

University of Rochester

Dr. Nancy M Bennett, M.D.
Rochester, NY

Infection and immunity: from molecules to populations

Johns Hopkins University

Priya Duggal, Ph.D.
Baltimore, MD

MD-GEM. The Maryland Genetic, Epidemiology, and Medicine Training Program

GOV

50,000.00
40869
4/13/2017

PC

125,528.00
39921
10/14/2016

PC

259,488.00
40865
4/13/2017

GOV

276,242.00
39920
10/14/2016

GOV

276,232.00
40864
4/13/2017

PC

217,345.00
40385
1/16/2017

Institutional Program Unifying Population and Laboratory-based Sciences**Johns Hopkins University**

Priya Duggal, Ph.D.
Baltimore, MD

MD-GEM: The Maryland Genetic, Epidemiology, and Medicine Training Program

Trustees of Dartmouth College

Dr. Michael L. Whitfield, Ph.D.
Hanover, NH

Big data in the life sciences training program

PC

217,345.00
41321
7/14/2017

PC

204,644.00
39923
10/14/2016

Trustees of Dartmouth College Dr. Michael L. Whitfield, Ph.D. Hanover, NH <i>Big data in the life sciences training program</i>	244,025.00 40867 4/13/2017	PC
Trustees of Boston University Dr. Lindsay A Farrer, Ph.D. PO Box 28763 New York, NY 10087 <i>Boston University's Transformative Training Program in Addiction Science (TTPAS)</i>	224,741.00 40386 1/16/2017	PC
Trustees of Boston University Dr. Lindsay A Farrer, Ph.D. PO Box 28763 New York, NY 10087 <i>Boston University's Transformative Training Program in Addiction Science (TTPAS)</i>	224,740.00 41322 7/14/2017	PC
Albert Einstein College of Medicine, Inc. Dr. Paul R. Marantz, M.D., M.P.H. NY <i>Education Connecting Laboratory Investigation and Population Science at Einstein (eCLIPSE)</i>	237,500.00 40108 11/15/2016	PC
Institutional Program Unifying Population and Laboratory-based Sciences Albert Einstein College of Medicine, Inc. Dr. Paul R. Marantz, M.D., M.P.H. NY <i>Education Connecting Laboratory Investigation and Population Science at Einstein (eCLIPSE)</i>	237,500.00 40384 1/16/2017	PC
Regents of the University of Michigan Dr. Betsy Foxman, Ph.D. MI <i>Integrated training in microbial systems (ITiMS)</i>	249,998.00 39922 10/14/2016	PC
Regents of the University of Michigan Dr. Betsy Foxman, Ph.D. MI <i>Integrated training in microbial systems (ITiMS)</i>	249,999.00 40866 4/13/2017	PC

Investigators in Pathogenesis of Infectious Disease**President and Fellows of Harvard College**

Dr. Min Dong, Ph.D.
Boston, MA

50,000.00
40299
12/15/2016

PC

Host factors conferring susceptibility to Clostridium difficile toxins

Investigators in Pathogenesis of Infectious Disease**President and Fellows of Harvard College**

Dr. Min Dong, Ph.D.
Boston, MA

50,000.00
41226
6/15/2017

PC

Host factors conferring susceptibility to Clostridium difficile toxins

President and Fellows of Harvard College

Dr. Sun Hur, Ph.D.
Boston, MA

50,000.00
40412
1/16/2017

PC

Mechanism for dsRNA-dependent and -independent activation of the antiviral gene, PKR

President and Fellows of Harvard College

Dr. Sun Hur, Ph.D.
Boston, MA

50,000.00
41347
7/14/2017

PC

Mechanism for dsRNA-dependent and -independent activation of the antiviral gene, PKR

Trustees of the University of Pennsylvania

Elizabeth A. Grice, Ph.D.
Philadelphia, PA

50,000.00
41362
7/14/2017

PC

Skin microbiome functions in colonization resistance to pathogens

Trustees of the University of Pennsylvania

Dr. De'Broski R. Herbert, Ph.D.
Philadelphia, PA

50,000.00
40398
1/16/2017

PC

Trefoil factor proteins modulate host immunity against hookworms

Trustees of the University of Pennsylvania

Dr. De'Broski R. Herbert, Ph.D.
Philadelphia, PA

50,000.00
41336
7/14/2017

PC

Trefoil factor proteins modulate host immunity against hookworms

Investigators in Pathogenesis of Infectious Disease**Trustees of the University of Pennsylvania**

Dr. Igor E. Brodsky, Ph.D.
Philadelphia, PA

50,000.00
40447
1/16/2017

PC

The role of chemokine-chemokine receptor interactions in anti-bacterial protective immunity

Trustees of the University of Pennsylvania

Dr. Scott E. Hensley, Ph.D.
Philadelphia, PA

Effect of maternal antibodies on the neonatal immune response to influenza virus

Trustees of the University of Pennsylvania

Dr. Sunny Shin, Ph.D.
Philadelphia, PA

Overcoming pathogen-mediated translation inhibition to enable robust immune defense

Trustees of the University of Pennsylvania

Dr. Sunny Shin, Ph.D.
Philadelphia, PA

Overcoming pathogen-mediated translation inhibition to enable robust immune defense

President and Fellows of Harvard College

Dr Caroline Buckee, Ph.D.
Boston, MA

The impact of human red blood cell heterogeneities and dynamics on malaria parasite virulence

Regents of the University of Michigan

Dr. Adam S. Luring, M.D., Ph.D.
MI

The evolution of pathogen virulence and transmissibility

Investigators in Pathogenesis of Infectious Disease**UC Regents of the University of California**

Dr. Elissa A Hallem, Ph.D.

Box 957089, 1125 Murphy Hall
405 Hilgard Avenue

Los Angeles, CA 90095-7089

Deciphering the interactions between skin-penetrating nematodes and bacteria

UC Regents of the University of California

Dr. Elissa A Hallem, Ph.D.

Box 957089, 1125 Murphy Hall
405 Hilgard Avenue

Los Angeles, CA 90095-7089

Deciphering the interactions between skin-penetrating nematodes and bacteria

Icahn School of Medicine at Mount Sinai

Dr. Matthew J. Evans, Ph.D.
New York, NY

Determinants of hepatitis C virus persistence

PC

50,000.00
41225

6/15/2017

PC

50,000.00
40304

12/15/2016

PC

50,000.00
41231

6/15/2017

PC

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41361

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40411

1/16/2017

GOV

50,000.00
41346

7/14/2017

PC

50,000.00
40409

1/16/2017

Icahn School of Medicine at Mount Sinai Dr. Matthew J. Evans, Ph.D. New York, NY	50,000.00 41344 7/14/2017	PC
<i>Determinants of hepatitis C virus persistence</i>		
Trustees of the University of Pennsylvania Dr. Igor E. Brodsky, Ph.D. Philadelphia, PA	50,000.00 40407 1/16/2017	PC
<i>The role of chemokine-chemokine receptor interactions in anti-bacterial protective immunity</i>		
Trustees of the University of Pennsylvania Dr. Igor E. Brodsky, Ph.D. Philadelphia, PA	50,000.00 41342 7/14/2017	PC
<i>The role of chemokine-chemokine receptor interactions in anti-bacterial protective immunity</i>		
Trustees of the University of Pennsylvania Dr. Rahul M. Kohli, M.D., Ph.D. Philadelphia, PA	50,000.00 40413 1/16/2017	PC
<i>Tuning evolution and antibiotic resistance by modulating the SOS pathway</i>		
Trustees of the University of Pennsylvania Dr. Rahul M. Kohli, M.D., Ph.D. Philadelphia, PA	50,000.00 41348 7/14/2017	PC
<i>Tuning evolution and antibiotic resistance by modulating the SOS pathway</i>		
Rutgers University-Rutgers Biomedical and Health Sciences-New Jersey Medical School Dr. Amariliz Rivera, Ph.D. NJ	50,000 00 40303 12/15/2016	GOV
<i>Mechanisms of bidirectional innate cell licensing in antifungal immunity</i>		
Rutgers University-Rutgers Biomedical and Health Sciences-New Jersey Medical School Dr. Amariliz Rivera, Ph.D. NJ	50,000.00 41230 6/15/2017	GOV
<i>Mechanisms of bidirectional innate cell licensing in antifungal immunity</i>		
Mount Sinai School of Medicine Dr. Julie Magarian Blander, Ph.D. New York, NY	50,000.00 39739 9/15/2016	PC
<i>Innate immune recognition of vita-PAMPs: a new class of pathogen associated molecular patterns that signifies microbial viability</i>		

Memorial Sloan-Kettering Cancer Center Dr. Tobias Martin Hohl, M.D., Ph.D. New York, NY 10017	50,000.00 41337 7/14/2017	PC
<i>Tracing innate control over respiratory and systemic fungal infection</i>		
Memorial Sloan-Kettering Cancer Center Dr. Tobias Martin Hohl, M.D., Ph.D. New York, NY 10017	50,000.00 40399 1/16/2017	PC
<i>Tracing innate control over respiratory and systemic fungal infection</i>		
Memorial Sloan-Kettering Cancer Center Dr. Joseph C. Sun, Ph.D. New York, NY 10017	50,000.00 40296 12/15/2016	PC
<i>Natural killer cell control of cytomegalovirus infection</i>		
Memorial Sloan-Kettering Cancer Center Dr. Joseph C. Sun, Ph.D. New York, NY 10017	50,000.00 41223 6/15/2017	PC
<i>Natural killer cell control of cytomegalovirus infection</i>		
Regents of the University of California Dr. Emily R. Troemel, Ph.D. San Francisco, CA 94143	50,000.00 40387 1/16/2017	PC
<i>Microsporidia virulence factors exploit host cell physiology</i>		
Investigators in Pathogenesis of Infectious Disease Regents of the University of California Dr. Emily R. Troemel, Ph.D. San Francisco, CA 94143	50,000.00 41325 7/14/2017	PC
<i>Microsporidia virulence factors exploit host cell physiology</i>		
Fred Hutchinson Cancer Research Center Dr. Jesse D Bloom, Ph.D. Seattle, WA	50,000.00 40406 1/16/2017	PC
<i>Understanding the stochasticity of viral infection at the level of single cells</i>		
Fred Hutchinson Cancer Research Center Dr. Jesse D Bloom, Ph.D. Seattle, WA	50,000.00 41341 7/14/2017	PC
<i>Understanding the stochasticity of viral infection at the level of single cells</i>		
Regents of the University of California Dr. Michael A. Fischbach, Ph.D. San Francisco, CA 94143	50,000.00 39756 9/15/2016	PC
<i>Novel microbiota-derived molecules that modulate the host immune response</i>		

Investigators in Pathogenesis of Infectious Disease**Regents of the University of California**

Dr. Michael A. Fischbach, Ph.D.

San Francisco, CA 94143

*Novel microbiota-derived molecules that modulate the host immune response***Regents of the University of California**

Dr. Michael A. Fischbach, Ph.D.

San Francisco, CA 94143

*Novel microbiota-derived molecules that modulate the host immune response***Regents of the University of California**

Dr. Anna I Bakardjiev, M.D.

San Francisco, CA 94143

*Pregnancy-related pathogenicity determinants of listeria monocytogenes***Regents of the University of California**

Dr. Anna I Bakardjiev, M.D.

San Francisco, CA 94143

*Pregnancy-related pathogenicity determinants of listeria monocytogenes***Regents of the University of California**

Dr. Anna I Bakardjiev, M.D.

San Francisco, CA 94143

*Pregnancy-related pathogenicity determinants of listeria monocytogenes***University of Texas Southwestern Medical Center-Dallas**

Dr. Nan Yan, D.Phil.

Dallas, TX

*Innate immune sensing and pathogenesis of cytosolic bacteria***Brown University**

Dr Richard J. Bennett, Ph.D.

Physician's Office Building, 3rd Fl, Suite 328/330

593 Eddy Street

Providence, RI 02903

*Phenotypic variation and host adaptation by the human fungal pathogen <%Candida albicans%>***Brown University**

Dr Richard J. Bennett, Ph.D.

Physician's Office Building, 3rd Fl, Suite 328/330

593 Eddy Street

Providence, RI 02903

Phenotypic variation and host adaptation by the human fungal pathogen <%Candida albicans%>

PC

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1/16/2017

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7/14/2017

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9/15/2016

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41500

8/15/2017

PC

25,000.00

40557

2/15/2017

PC

25,000.00

41485

8/15/2017

University of Maine
 Dr. Robert T. Wheeler, Ph.D.
 Orono, ME
Phagocytes block fungal dimorphism to defend the epithelial barrier

50,000.00
 40393
 1/16/2017
 GOV

Investigators in Pathogenesis of Infectious Disease
University of Maine
 Dr. Robert T. Wheeler, Ph.D.
 Orono, ME
Phagocytes block fungal dimorphism to defend the epithelial barrier
Trustees of the Tufts University
 Dr. Ekaterina Heldwein, Ph.D.
 Boston, MA
Structural mechanism of herpesvirus egress
Trustees of the Tufts University
 Dr. Ekaterina Heldwein, Ph.D.
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Structural mechanism of herpesvirus egress
Trustees of the Tufts University
 Dr. Ekaterina Heldwein, Ph.D.
 Boston, MA
Structural mechanism of herpesvirus egress

50,000.00
 41331
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 39740
 9/15/2016
 PC
 50,000.00
 40379
 1/16/2017
 PC
 50,000.00
 40843
 4/13/2017
 PC

Investigators in Pathogenesis of Infectious Disease
Texas A&M University
 Dr. Xiaorong Lin, Ph.D.
 College Station, TX
Fungal communication and pathogenicity
Duke University
 Dr. Jorn Coers, D.Phil., Ph.D.
 Durham, NC
Host-mediated lysis of cytoplasmic pathogens
Duke University
 Dr. Jorn Coers, D.Phil., Ph.D.
 Durham, NC
Host-mediated lysis of cytoplasmic pathogens

50,000.00
 40392
 1/16/2017
 GOV
 50,000.00
 40297
 12/15/2016
 PC
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 41224
 6/15/2017
 PC

Board of Regents of the University of Wisconsin System

Dr. Andrew Mehle, Ph.D.
Milwaukee, WI

Defining the functional landscape between intracellular pathogens and the host

50,000.00
41368
7/14/2017

GOV

Investigators in Pathogenesis of Infectious Disease**Duke University**

Dr. Stacy M Horner, Ph.D.
Durham, NC

Regulation of antiviral host response by RNA modifications

University of Massachusetts

Dr. Abraham L. Brass, M.D., Ph.D.
MA

Defining dengue virus's dependencies: discovery and characterization of host factors required for viral replication

University of Massachusetts

Dr. Abraham L. Brass, M.D., Ph.D.
MA

Defining dengue virus's dependencies: discovery and characterization of host factors required for viral replication

University of Massachusetts

Dr. Abraham L. Brass, M.D., Ph.D.
MA

Defining dengue virus's dependencies: discovery and characterization of host factors required for viral replication

University of Florida

Dr. Liang Zhou, M.D., Ph.D.
Gainesville, FL

Environmental impact on host-pathogen interaction

University of Florida

Dr. Liang Zhou, M.D., Ph.D.
Gainesville, FL

Environmental impact on host-pathogen interaction

50,000.00
41366
7/14/2017

PC

50,000.00
39748
9/15/2016

PC

50,000.00
40390
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PC

50,000.00
41328
7/14/2017

PC

50,000.00
40388
1/16/2017

PC

50,000.00
41326
7/14/2017

PC

Investigators in Pathogenesis of Infectious Disease**Weill Medical College of Cornell University**

Dr. Julie Magarian Blander, Ph.D.

New York, NY

*Innate immune recognition of vita-PAMPs: a new class of pathogen associated molecular patterns that signifies microbial viability***Weill Medical College of Cornell University**

Dr. Julie Magarian Blander, Ph.D.

New York, NY

*Innate immune recognition of vita-PAMPs: a new class of pathogen associated molecular patterns that signifies microbial viability***University of Pittsburgh**

Dr. Carolyn B. Coyne, Ph.D.

Pittsburgh, PA

*The actin cytoskeleton and antiviral innate immune signaling***Trustees of Columbia University in the City of New York**

Dr. Harris H. Wang, Ph.D.

New York, NY

*Mapping host-microbe and inter-microbial networks at ultra-high spatial resolution***Trustees of Dartmouth College**

Dr. Robert A. Cramer, Ph.D.

Hanover, NH

*Bioenergetics and microbial pathogenesis sufficiency***Trustees of Dartmouth College**

Dr. Robert A. Cramer, Ph.D.

Hanover, NH

*Bioenergetics and microbial pathogenesis sufficiency***Investigators in Pathogenesis of Infectious Disease****Trustees of Dartmouth College**

Dr. Robert A. Cramer, Ph.D.

Hanover, NH

*Bioenergetics and microbial pathogenesis sufficiency***Trustees of Princeton University**

Dr. Alexei V. Korennykh, Ph.D.

Princeton, NJ

*Systems analysis of pathogen defense mediated by 2',5'-linked isoRNA*50,000.00
40378

1/16/2017

PC

50,000.00
41318

7/14/2017

PC

50,000.00
40381

1/16/2017

PC

75,000.00
41358

7/14/2017

PC

50,000.00
39755

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40395

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41333

7/14/2017

PC

50,000.00
40400

1/16/2017

PC

Trustees of Princeton University	50,000.00	PC
Dr. Alexei V. Korennykh, Ph.D.	41338	
Princeton, NJ	7/14/2017	
<i>Systems analysis of pathogen defense mediated by 2',5'-linked isoRNA</i>		
Trustees of Princeton University	50,000.00	PC
Dr. Mohammad R. Seyedsayandost, Ph.D.	41365	
Princeton, NJ	7/14/2017	
<i>Deciphering the small molecule vocabulary of human microbiome Streptococci</i>		
Board of Trustees of the University of Illinois	50,000.00	GOV
Dr. Michael J. Federle, Ph.D.	40391	
<i>Interspecies communication among commensal and pathogenic bacteria</i>		
Board of Trustees of the University of Illinois	50,000.00	GOV
Dr. Michael J. Federle, Ph.D.	41329	
<i>Interspecies communication among commensal and pathogenic bacteria</i>		
Trustees of Princeton University	50,000.00	PC
Dr. Alexander Ploss, Ph.D.	40295	
Princeton, NJ	12/15/2016	
<i>Breaking species barriers of human hepatotropic pathogens</i>		
<u>Investigators in Pathogenesis of Infectious Disease</u>		
Trustees of Princeton University	50,000.00	PC
Dr. Alexander Ploss, Ph.D.	41222	
Princeton, NJ	6/15/2017	
<i>Breaking species barriers of human hepatotropic pathogens</i>		
University of Utah	50,000.00	GOV
Dr. Nels C. Elde, Ph.D.	40300	
Salt Lake City, UT	12/15/2016	
<i>A new class of retrogenes modulating pathogenesis</i>		
University of Utah	50,000.00	GOV
Dr. Nels C. Elde, Ph.D.	41227	
Salt Lake City, UT	6/15/2017	
<i>A new class of retrogenes modulating pathogenesis</i>		
New York University School of Medicine	50,000.00	PC
Dr. K. Heran Darwin, Ph.D.	41042	
Dept. of Psychiatry, Neuroscience & Physiology	5/15/2017	
One Park Avenue, Rm 8-226		
New York, NY 10016		
<i>Ubiquitin-like proteins in bacterial pathogens</i>		

New York University School of Medicine Dr. Ken Cadwell, Ph.D. Dept. of Psychiatry, Neuroscience & Physiology One Park Avenue, Rm 8-226 New York, NY 10016 <i>Gene-microbe interactions in inflammatory bowel disease</i>	50,000.00 40408 1/16/2017	PC
<u>Investigators in Pathogenesis of Infectious Disease</u> New York University School of Medicine Dr. Ken Cadwell, Ph.D. Dept. of Psychiatry, Neuroscience & Physiology One Park Avenue, Rm 8-226 New York, NY 10016 <i>Gene-microbe interactions in inflammatory bowel disease</i>	50,000.00 41343 7/14/2017	PC
University of Chicago Dr. Juliane Bubeck Wardenburg, M.D., Ph.D. Chicago, IL <i>Tuning of the host-bacterial interaction by a pore-forming toxin</i>	50,000.00 40271 12/15/2016	PC
University of Utah Dr. June L. Round, Ph.D. Salt Lake City, UT <i>Influence of the microbiota on neuro-inflammation</i>	50,000.00 41367 7/14/2017	GOV
University of Massachusetts-Amherst Dr. Li-Jun Ma, Ph.D. Amherst, MA <i>Supernumerary chromosomes and pathogenicity of opportunistic fungal infections</i>	50,000.00 40414 1/16/2017	GOV
University of Massachusetts-Amherst Dr. Li-Jun Ma, Ph.D. Amherst, MA <i>Supernumerary chromosomes and pathogenicity of opportunistic fungal infections</i>	50,000.00 41349 7/14/2017	GOV
Yale University Dr. Andrew L Goodman, Ph.D. New Haven, CT <i>Understanding pathogen-commensal interaction in the earliest stages of infection</i>	50,000.00 40410 1/16/2017	PC
Yale University Dr. Andrew L Goodman, Ph.D. New Haven, CT <i>Understanding pathogen-commensal interaction in the earliest stages of infection</i>	50,000.00 41345 7/14/2017	PC

University of Washington Dr. Marion Pepper, Ph.D. Seattle, WA	50,000.00 41364 7/14/2017	GOV
<i>The development and function of Plasmodium-specific memory B cells</i>		
University of Washington Dr. Daniel B. Stetson, Ph.D. Seattle, WA	50,000.00 40396 1/16/2017	GOV
<i>Why do DNA viruses cause cancer?</i>		
University of Washington Dr. Daniel B. Stetson, Ph.D. Seattle, WA	50,000.00 41334 7/14/2017	GOV
<i>Why do DNA viruses cause cancer?</i>		
Yale University Dr. Jason M. Crawford, Ph.D. New Haven, CT	50,000.00 41360 7/14/2017	PC
<i>A functional metagenomic screen to systematically identify human-bacteria interactions</i>		
Washington University Dr. Christina L. Stallings, Ph.D. Saint Louis, MO	50,000.00 41359 7/14/2017	PC
<i>Consequences of neutrophil-mycobacteria interactions</i>		
Washington University Dr. Chyi-Song Hsieh, M.D., Ph.D. Saint Louis, MO	50,000.00 40383 1/16/2017	PC
<i>Host discrimination between pathogenic and commensal bacteria in the colon</i>		
Washington University Dr. Audrey R. Odom, M.D., Ph.D. Saint Louis, MO	50,000.00 40302 12/15/2016	PC
<i>Insights into the chemical ecology of malaria parasites</i>		
Investigators in Pathogenesis of Infectious Disease Washington University Dr. Audrey R. Odom, M.D., Ph.D. Saint Louis, MO	50,000.00 41229 6/15/2017	PC
<i>Insights into the chemical ecology of malaria parasites</i>		

Washington University Dr. Niraj H. Tolia, Ph.D. Saint Louis, MO <i>Molecular basis for and inhibition of red blood cell invasion by plasmodium parasites</i> University of Texas-Austin Dr. Christopher S. Sullivan, Ph.D. Austin, TX <i>Herpesvirus immune evasion via non-coding RNA regulatory elements</i> University of Texas-Austin Dr. Christopher S. Sullivan, Ph.D. Austin, TX <i>Herpesvirus immune evasion via non-coding RNA regulatory elements</i> University of Texas-Austin Dr. Christopher S. Sullivan, Ph.D. Austin, TX <i>Herpesvirus immune evasion via non-coding RNA regulatory elements</i> Washington University Dr. Niraj H. Tolia, Ph.D. Saint Louis, MO <i>Molecular basis for and inhibition of red blood cell invasion by plasmodium parasites</i>	50,000.00 41332 7/14/2017	PC
	50,000.00 39897 10/14/2016	GOV
	50,000.00 40382 1/16/2017	GOV
	50,000.00 41320 7/14/2017	GOV
	50,000.00 40394 1/16/2017	PC
Investigators in Pathogenesis of Infectious Disease Rockefeller University Dr. Luciano A. Marraffini, Ph.D. New York, NY <i>Effect of type III CRISPR-Cas immunity on phage-mediated staphylococcal pathogenesis</i> Rockefeller University Dr. Luciano A. Marraffini, Ph.D. New York, NY <i>Effect of type III CRISPR-Cas immunity on phage-mediated staphylococcal pathogenesis</i> Rockefeller University Dr. Daniel Mucida, Ph.D. New York, NY <i>Adaptation of immune cells to the gut tissue. consequences for immunity and tolerance</i> Rockefeller University Dr. Daniel Mucida, Ph.D. New York, NY <i>Adaptation of immune cells to the gut tissue: consequences for immunity and tolerance</i>	50,000.00 40415 1/16/2017	PC
	50,000.00 41350 7/14/2017	PC
	50,000.00 40416 1/16/2017	PC
	50,000.00 41351 7/14/2017	PC

University of Rochester	50,000.00	GOV
Dr. Felix Yarovinsky, M.D.	40389	
Rochester, NY	1/16/2017	
<i>TLR-independent host resistance to protozoan parasites</i>		
University of Rochester	50,000.00	GOV
Dr. Felix Yarovinsky, M.D.	41327	
Rochester, NY	7/14/2017	
<i>TLR-independent host resistance to protozoan parasites</i>		
Emory University	50,000.00	PC
Dr. Christine M. Dunham, Ph.D.	40301	
Atlanta, GA	12/15/2016	
<i>Characterization of pathways involved in bacterial persistence and antibiotic resistance</i>		
Emory University	50,000.00	PC
Dr. Christine M. Dunham, Ph.D.	41228	
Atlanta, GA	6/15/2017	
<i>Characterization of pathways involved in bacterial persistence and antibiotic resistance</i>		
Investigators in Pathogenesis of Infectious Disease		
Stanford University	50,000.00	PC
Dr. Catherine A. Blish, M.D., Ph.D.	41357	
San Francisco, CA	7/14/2017	
<i>Training natural killer cells to fight HIV</i>		
Postdoctoral Enrichment Program for Underrepresented Minorities		
University of Texas Southwestern Medical Center-Dallas	20,000.00	GOV
Dr. Tamia Alisha Harris-Tryon, M.D., Ph.D.	39796	
Dallas, TX	9/15/2016	
<i>Microbiota-immune system interactions in the skin</i>		
Washington University	20,000.00	PC
Dr. Jose Bernardo Saenz, M.D., Ph.D.	39807	
Saint Louis, MO	9/15/2016	
<i>Exploring the early events in Helicobacter pylori-induced gastric unit reorganization</i>		
Baylor College of Medicine	20,000.00	PC
Dr. Diana Monsivais, Ph.D.	39811	
Houston, TX	9/15/2016	
<i>SMAD1/5 signaling in the female reproductive tract</i>		
California Institute of Technology	20,000.00	PC
Dr. Walter Gabriel Gonzalez, Ph.D.	39813	
Pasadena, CA	9/15/2016	
<i>NEURONAL DYNAMICS AND BEHAVIORAL ROBUSTNESS IN MOTOR CONTROL</i>		

Stanford University Dr. Joshua Charles Saldivar, Ph.D. San Francisco, CA <i>DNA replication stress-induced primary cilia dysfunction in the formation of malignant breast cancer</i>	10,000.00 39761 9/15/2016	PC
<u>Postdoctoral Enrichment Program for Underrepresented Minorities</u>		
Stanford University Dr. Joshua Charles Saldivar, Ph.D. San Francisco, CA <i>DNA replication stress-induced primary cilia dysfunction in the formation of malignant breast cancer</i>	10,000.00 39762 9/15/2016	PC
California Institute of Technology Dr. Rosa Anna Uribe, Ph.D. Pasadena, CA <i>Functional analysis of enteric neural crest cell migration and development</i>	10,000.00 39759 9/15/2016	PC
California Institute of Technology Dr. Rosa Anna Uribe, Ph.D. Pasadena, CA <i>Functional analysis of enteric neural crest cell migration and development</i>	10,000.00 39760 9/15/2016	PC
Massachusetts Institute of Technology Dr. Hiruy Meharena, Ph.D. Cambridge, MA <i>Deciphering the Role of Eukaryotic Protein Kinases in Down's Syndrome</i>	20,000.00 39808 9/15/2016	PC
Massachusetts Institute of Technology Dr. Breann L Brown, Ph.D. Cambridge, MA <i>Elucidating key protein-protein interactions that control substrate selection by the Lon AAA protease</i>	20,000.00 39787 9/15/2016	PC
Massachusetts Institute of Technology Dr. Michael John Mitchell, Ph.D. Cambridge, MA <i>A Nanoparticle Platform for siRNA Delivery to Bone Marrow Endothelium to Disrupt Bone Metastasis Formation</i>	20,000.00 39795 9/15/2016	PC

Postdoctoral Enrichment Program for Underrepresented Minorities

Stanford University PC 20,000.00

Dr. David M. Garcia, Ph.D.

San Francisco, CA 39792

Heritable protein aggregation affecting RNA regulation

Stanford University

Dr. David Ashley Van Valen, M.D., Ph.D.

San Francisco, CA 39790

Understanding host-virus interactions in bacterial systems at the single cell level

Trustees of Princeton University

Dr. Thomas Pohl, Ph.D.

Princeton, NJ 39793

Role of G4 sequences in rDNA transcription and ribosome biogenesis and/or function

Johns Hopkins University School of Medicine

Dr. Courtney Rory Goodwin, M.D., Ph.D.

Baltimore, MD 39770

Phospho-proteomic profiling of metastatic breast cancer

Johns Hopkins University School of Medicine

Dr. Courtney Rory Goodwin, M.D., Ph.D.

Baltimore, MD 39771

Phospho-proteomic profiling of metastatic breast cancer

Board of Trustees of the Leland Stanford Junior University

Dr. Antonia Alisia Dominguez, Ph.D.

20,000.00 40581

Functional analysis of C9orf72 mutations in ALS via targeted genome engineering

University of Pennsylvania

Dr. Ishmail John Abdus-Saboor, Ph.D.

Philadelphia, PA 39786

Determining the Function of Touch-sensing Neurons in Acute and Chronic Pain

Postdoctoral Enrichment Program for Underrepresented Minorities

Regents of the University of California

Dr. Kyle Gabriel Daniels, Ph.D.

San Francisco, CA 94143

Using Synthetic Receptors to Map the T Cell Development Landscape

Regents of the University of California

Dr. Sonya Elina Neal, Ph.D.

San Francisco, CA 94143

Discovering the machinery and mechanism of ERAD-M retrotranslocation

Regents of the University of California Dr. Galo Garcia, III, Ph.D. San Francisco, CA 94143 <i>Elucidating the Role of the Transition Zone in Ciliary Diseases</i> Regents of the University of California Dr. Sonya Elina Neal, Ph.D. San Francisco, CA 94143 <i>Discovering the machinery and and mechanism of ERAD-M retrotranslocation</i> Regents of the University of California Dr. Galo Garcia, III, Ph.D. San Francisco, CA 94143 <i>Elucidating the Role of the Transition Zone in Ciliary Diseases</i> Regents of the University of California Dr. Travis James Chapa, Ph.D. San Francisco, CA 94143 <i>Determine the mechanism underlying gamma-herpesvirus late transcription initiation</i>	10,000.00 39768 9/15/2016	PC
Regents of the University of California Dr. Galo Garcia, III, Ph.D. San Francisco, CA 94143 <i>Elucidating the Role of the Transition Zone in Ciliary Diseases</i> Regents of the University of California Dr. Sonya Elina Neal, Ph.D. San Francisco, CA 94143 <i>Discovering the machinery and and mechanism of ERAD-M retrotranslocation</i> Regents of the University of California Dr. Galo Garcia, III, Ph.D. San Francisco, CA 94143 <i>Elucidating the Role of the Transition Zone in Ciliary Diseases</i> Regents of the University of California Dr. Travis James Chapa, Ph.D. San Francisco, CA 94143 <i>Determine the mechanism underlying gamma-herpesvirus late transcription initiation</i>	10,000.00 39764 9/15/2016	PC
Regents of the University of California Dr. Galo Garcia, III, Ph.D. San Francisco, CA 94143 <i>Elucidating the Role of the Transition Zone in Ciliary Diseases</i> Regents of the University of California Dr. Sonya Elina Neal, Ph.D. San Francisco, CA 94143 <i>Discovering the machinery and and mechanism of ERAD-M retrotranslocation</i> Regents of the University of California Dr. Galo Garcia, III, Ph.D. San Francisco, CA 94143 <i>Elucidating the Role of the Transition Zone in Ciliary Diseases</i> Regents of the University of California Dr. Travis James Chapa, Ph.D. San Francisco, CA 94143 <i>Determine the mechanism underlying gamma-herpesvirus late transcription initiation</i>	10,000.00 39769 9/15/2016	PC
Regents of the University of California Dr. Galo Garcia, III, Ph.D. San Francisco, CA 94143 <i>Elucidating the Role of the Transition Zone in Ciliary Diseases</i> Regents of the University of California Dr. Sonya Elina Neal, Ph.D. San Francisco, CA 94143 <i>Discovering the machinery and and mechanism of ERAD-M retrotranslocation</i> Regents of the University of California Dr. Galo Garcia, III, Ph.D. San Francisco, CA 94143 <i>Elucidating the Role of the Transition Zone in Ciliary Diseases</i> Regents of the University of California Dr. Travis James Chapa, Ph.D. San Francisco, CA 94143 <i>Determine the mechanism underlying gamma-herpesvirus late transcription initiation</i>	20,000.00 39788 9/15/2016	PC
Postdoctoral Enrichment Program for Underrepresented Minorities Massachusetts General Hospital Dr. Dennis Jones, Ph.D. Boston, MA <i>Functional Analysis of Lymph Node Metastases</i> Massachusetts General Hospital Dr. Dennis Jones, Ph.D. Boston, MA <i>Functional Analysis of Lymph Node Metastases</i> Weill Medical College of Cornell University Dr. Anthony Olarin-George, Ph.D. New York, NY <i>Characterizing the transcriptome-wide location and function of 8oxoG</i> Regents of the University of Colorado Dr. Nicholas Ryan Meyerson, Ph.D. Denver, CO <i>Rules of engagement between TRIM restriction factors and their viral targets</i> Northwestern University Dr. Laura M. K. Dassama, Ph.D. Chicago, IL <i>Functional and Structural Characterization of a Methanobactin Transporter</i>	10,000.00 39766 9/15/2016	PC
Postdoctoral Enrichment Program for Underrepresented Minorities Massachusetts General Hospital Dr. Dennis Jones, Ph.D. Boston, MA <i>Functional Analysis of Lymph Node Metastases</i> Massachusetts General Hospital Dr. Dennis Jones, Ph.D. Boston, MA <i>Functional Analysis of Lymph Node Metastases</i> Weill Medical College of Cornell University Dr. Anthony Olarin-George, Ph.D. New York, NY <i>Characterizing the transcriptome-wide location and function of 8oxoG</i> Regents of the University of Colorado Dr. Nicholas Ryan Meyerson, Ph.D. Denver, CO <i>Rules of engagement between TRIM restriction factors and their viral targets</i> Northwestern University Dr. Laura M. K. Dassama, Ph.D. Chicago, IL <i>Functional and Structural Characterization of a Methanobactin Transporter</i>	10,000.00 39767 9/15/2016	PC
Postdoctoral Enrichment Program for Underrepresented Minorities Massachusetts General Hospital Dr. Dennis Jones, Ph.D. Boston, MA <i>Functional Analysis of Lymph Node Metastases</i> Massachusetts General Hospital Dr. Dennis Jones, Ph.D. Boston, MA <i>Functional Analysis of Lymph Node Metastases</i> Weill Medical College of Cornell University Dr. Anthony Olarin-George, Ph.D. New York, NY <i>Characterizing the transcriptome-wide location and function of 8oxoG</i> Regents of the University of Colorado Dr. Nicholas Ryan Meyerson, Ph.D. Denver, CO <i>Rules of engagement between TRIM restriction factors and their viral targets</i> Northwestern University Dr. Laura M. K. Dassama, Ph.D. Chicago, IL <i>Functional and Structural Characterization of a Methanobactin Transporter</i>	20,000.00 39805 9/15/2016	PC
Postdoctoral Enrichment Program for Underrepresented Minorities Massachusetts General Hospital Dr. Dennis Jones, Ph.D. Boston, MA <i>Functional Analysis of Lymph Node Metastases</i> Massachusetts General Hospital Dr. Dennis Jones, Ph.D. Boston, MA <i>Functional Analysis of Lymph Node Metastases</i> Weill Medical College of Cornell University Dr. Anthony Olarin-George, Ph.D. New York, NY <i>Characterizing the transcriptome-wide location and function of 8oxoG</i> Regents of the University of Colorado Dr. Nicholas Ryan Meyerson, Ph.D. Denver, CO <i>Rules of engagement between TRIM restriction factors and their viral targets</i> Northwestern University Dr. Laura M. K. Dassama, Ph.D. Chicago, IL <i>Functional and Structural Characterization of a Methanobactin Transporter</i>	20,000.00 39803 9/15/2016	PC
Postdoctoral Enrichment Program for Underrepresented Minorities Massachusetts General Hospital Dr. Dennis Jones, Ph.D. Boston, MA <i>Functional Analysis of Lymph Node Metastases</i> Massachusetts General Hospital Dr. Dennis Jones, Ph.D. Boston, MA <i>Functional Analysis of Lymph Node Metastases</i> Weill Medical College of Cornell University Dr. Anthony Olarin-George, Ph.D. New York, NY <i>Characterizing the transcriptome-wide location and function of 8oxoG</i> Regents of the University of Colorado Dr. Nicholas Ryan Meyerson, Ph.D. Denver, CO <i>Rules of engagement between TRIM restriction factors and their viral targets</i> Northwestern University Dr. Laura M. K. Dassama, Ph.D. Chicago, IL <i>Functional and Structural Characterization of a Methanobactin Transporter</i>	20,000.00 39789 9/15/2016	PC

University of North Carolina-Chapel Hill

Dr. Sara Elisabeth Conard, Ph.D.

Chapel Hill, NC

The Role of IKKalpha in Maintaining Prostate Tumor Initiating Cells Through Regulation of Androgen Receptor

20,000.00
39765
9/15/2016

GOV

Postdoctoral Enrichment Program for Underrepresented Minorities

Regents of the University of California

Dr. Samantha Cleopatra Lewis, Ph.D.

CA

Functional dissection of the mitochondrial DNA nucleoid complex

Board of Regents of the University of Wisconsin System

Dr. Nydiaris Hernandez-Santos, Ph.D.

Milwaukee, WI

Role of airway epithelial cells in host defense against pulmonary fungal pathogens

Duke University

Dr. Max Manuel Villa, Ph.D.

Durham, NC

A high throughput platform for screening microbial interactions

President and Fellows of Harvard College

Dr. Albert Ernesto Almada, Ph.D.

Boston, MA

Programming the muscle progenitor state

President and Fellows of Harvard College

Dr. Albert Ernesto Almada, Ph.D.

Boston, MA

Programming the muscle progenitor state

Trustees of the University of Pennsylvania

Dr. Carolyn Marie Yrigollen, Ph.D.

Philadelphia, PA

Modeling the FMR1 trinucleotide repeat in zebrafish for gene editing

10,000.00
39757
9/15/2016

PC

10,000.00
39758
9/15/2016

PC

20,000.00
39816
9/15/2016

PC

20,000.00
39791
9/15/2016

PC

Postdoctoral Enrichment Program for Underrepresented Minorities

President and Fellows of Harvard College

Dr. Elenoe Cheddena Smith, Ph.D.

Boston, MA

DNA elements within BCL11A and its target sequences in hemoglobin switching

President and Fellows of Harvard College

Dr. Edwin Ernesto Reyes, Ph.D.

Boston, MA

*The Contribution of CD8⁺ Treg to Anti-Tumor Immunity***President and Fellows of Harvard College**

Dr. Simmie Lorene Foster, M.D., Ph.D.

Boston, MA

*Neuroimmune interactions in inflammatory pain***President and Fellows of Harvard College**

Dr. Jihan Khara Osborne, Ph.D.

Boston, MA

*Investigation of the role of the Lin28 paralogs during lung branching morphogenesis***President and Fellows of Harvard College**

Dr. Samira Musah, Ph.D.

Boston, MA

*Directed differentiation of human iPS cells to reconstitute kidney glomerular function in vitro***Pre-term Birth Initiative****University of Toronto**

Dr. Stephen Lye, Ph.D.

Toronto, ON

Canada

*Targeting leukocyte activation to prevent preterm labor***Pre-term Birth Initiative****University of Toronto**

Dr. Stephen Lye, Ph.D.

Toronto, ON

Canada

*Targeting leukocyte activation to prevent preterm labor***President and Fellows of Harvard College**

Dr. Mark Phillippe, M.D.

Boston, MA

*Cell-free Fetal DNA - the Trigger for Spontaneous Parturition***President and Fellows of Harvard College**

Dr. Mark Phillippe, M.D.

Boston, MA

Cell-free Fetal DNA - the Trigger for Spontaneous Parturition

PC

20,000.00

39809

9/15/2016

PC

20,000.00

39810

9/15/2016

PC

20,000.00

39804

9/15/2016

PC

20,000.00

39794

9/15/2016

PC

75,000.00

39916

10/14/2016

PC

75,000.00

40860

4/13/2017

PC

75,000.00

39946

10/14/2016

PC

75,000.00

40888

4/13/2017

Regents of the University of California Dr. Trevor D. Burt, M.D. San Francisco, CA 94143 <i>Fetal immune activation and lineage switching in preterm labor</i>	75,000.00 39915 10/14/2016	PC
Wayne State University Dr. Kang Chen, Ph.D. Detroit, MI <i>The functions of B cells in pregnancy and the pathogenesis of preterm birth</i>	75,000.00 41339 7/14/2017	GOV
Wayne State University Dr. Kang Chen, Ph.D. Detroit, MI <i>The functions of B cells in pregnancy and the pathogenesis of preterm birth</i>	75,000.00 39913 10/14/2016	GOV
Pre-term Birth Initiative Wayne State University Dr. Kang Chen, Ph.D. Detroit, MI <i>The functions of B cells in pregnancy and the pathogenesis of preterm birth</i>	75,000.00 40857 4/13/2017	GOV
Regents of the University of California Dr. Trevor D. Burt, M.D. San Francisco, CA 94143 <i>Fetal immune activation and lineage switching in preterm labor</i>	75,000.00 40859 4/13/2017	PC
Regents of the University of California Dr. Tippi C. MacKenzie, M.D. San Francisco, CA 94143 <i>A precision medicine approach to detect dysbiosis and immune activation in preterm birth</i>	75,000.00 41516 8/15/2017	PC
Board of Trustees of the University of Illinois Dr. Kimani C. Toussaint, Ph.D. <i>Investigating the mechanobiology of cervical remodeling using a novel combination of optical microscopy and nanoindentation</i>	75,000.00 41371 7/14/2017	GOV
Johns Hopkins University Dr. Laura Marie Ensign, Ph.D. Baltimore, MD <i>The role of vaginal progesterone delivery in cervical remodeling and preterm birth</i>	75,000.00 39943 10/14/2016	PC
Johns Hopkins University Dr. Laura Marie Ensign, Ph.D. Baltimore, MD <i>The role of vaginal progesterone delivery in cervical remodeling and preterm birth</i>	75,000.00 40884 4/13/2017	PC

Pre-term Birth Initiative**University of Pennsylvania**

Dr. George Scott Worthen, M.D.
Philadelphia, PA

Worthen, G Scott -- Genetics of preterm birth

University of Pennsylvania

Dr. George Scott Worthen, M.D.
Philadelphia, PA

Worthen, G Scott -- Genetics of preterm birth

University of Chicago

Dr. Vincent Joseph Lynch, Ph.D.
Chicago, IL

Evolutionary forward genomic insights into the casual mechanisms of preterm birth

University of Chicago

Dr. Vincent Joseph Lynch, Ph.D.
Chicago, IL

Evolutionary forward genomic insights into the casual mechanisms of preterm birth

University of Cincinnati

Dr. Claire Chougnet, Ph.D.
Cincinnati, OH

Chougnet, Claire -- Host-microbe cross-talk and pregnancy outcomes

University of Cincinnati

Dr. Claire Chougnet, Ph.D.
Cincinnati, OH

Chougnet, Claire -- Host-microbe cross-talk and pregnancy outcomes

Pre-term Birth Initiative**University of Cincinnati**

Dr. Senad Divanovic, Ph.D.
Cincinnati, OH

Role of type I IFNs/IFNAR axis in inflammation-induced preterm birth

University of Cincinnati

Dr. Senad Divanovic, Ph.D.
Cincinnati, OH

Role of type I IFNs/IFNAR axis in inflammation-induced preterm birth

PC

75,000.00
40856
4/13/2017

PC

75,000.00
39912
10/14/2016

PC

75,000.00
39917
10/14/2016

PC

75,000.00
40861
4/13/2017

PC

75,000.00
41330
7/14/2017

PC

75,000.00
40854
4/13/2017

PC

75,000.00
39945
10/14/2016

PC

75,000.00
40886
4/13/2017

University of Cincinnati Dr. Ge Zhang, M.D., Ph.D. Cincinnati, OH <i>Genomic study of gestational length and preterm birth</i>	75,000.00 41369 7/14/2017	PC
Stanford University Dr. David N. Cornfield, M.D. San Francisco, CA <i>Myometrial smooth muscle cell TRPV channel activity modulates contractility</i>	75,000.00 39914 10/14/2016	PC
Stanford University Dr. David N. Cornfield, M.D. San Francisco, CA <i>Myometrial smooth muscle cell TRPV channel activity modulates contractility</i>	75,000.00 40858 4/13/2017	PC
Vanderbilt University Dr. John Anthony Capra, Ph.D. Nashville, TN <i>Integrating 'omics and electronic health records to elucidate the genetic architecture of preterm birth</i>	75,000.00 41515 8/15/2017	PC
Pre-term Birth Initiative Massachusetts Institute of Technology Dr. Katharina Ribbeck, D.Phil., Ph.D. Cambridge, MA <i>Ribbeck, Katharina -- Properties and functions of cervical mucus associated with preterm birth</i>	75,000.00 39911 10/14/2016	PC
Virginia Commonwealth University Dr. Timothy York, Ph.D. Richmond, VA <i>Epigenetic mechanisms of preterm birth in a racially mixed sample of pregnant women</i>	75,000.00 40887 4/13/2017	GOV
Case Western Reserve University Dr. John James Moore, M.D. Nord Hall, Room 615 10900 Euclid Avenue Cleveland, OH 44106 <i>Determination of the Mechanisms of Preterm Premature Fetal Membrane Rupture Using a Novel in-vitro Model System</i>	75,000.00 39944 10/14/2016	PC

Case Western Reserve University Dr. John James Moore, M.D. Nord Hall, Room 615 10900 Euclid Avenue Cleveland, OH 44106 <i>Determination of the Mechanisms of Preterm Premature Fetal Membrane Rupture Using a Novel in-vitro Model System</i> Washington University Dr. Amanda L. Lewis, Ph.D. Saint Louis, MO <i>Lewis, Amanda -- Mucus barrier degradation in bacterial vaginosis-associated preterm birth</i>	75,000.00 40885 4/13/2017	PC
Washington University Dr. Amanda L. Lewis, Ph.D. Saint Louis, MO <i>Lewis, Amanda -- Mucus barrier degradation in bacterial vaginosis-associated preterm birth</i>	75,000.00 39910 10/14/2016	PC
Pre-term Birth Initiative Washington University Dr. Amanda L. Lewis, Ph.D. Saint Louis, MO <i>Lewis, Amanda -- Mucus barrier degradation in bacterial vaginosis-associated preterm birth</i>	75,000.00 40855 4/13/2017	PC
University of Texas-Austin Dr. Jonghwan Kim, Ph.D. Austin, TX <i>Identifying genetic factors controlling normal and abnormal placental development</i> Research Travel Grant Trustees of Columbia University in the City of New York Dr Filippo Mancia, Ph.D. New York, NY <i>Structural basis of phosphoinositide biosynthesis in Mycobacterium tuberculosis</i> Trustees of Columbia University in the City of New York Dr. Charles Jayyosi, Ph.D. New York, NY <i>Mechanical Properties of Pregnant Cervix from Mouse Models of Infection-Mediated and Hormone-Mediated Preterm Birth</i> Metropolitan State University of Denver Dr. Brendan C Fry, Ph.D. <i>Elucidating the role of blood flow in glaucoma using a Green's function method</i> Board of Trustees of the University of Illinois Dr. Mariana Kersh, Ph.D. <i>Remodeling driven changes in porosity and strain mechanics in cortical bone</i>	75,000.00 41370 7/14/2017	GOV
Trustees of Columbia University in the City of New York Dr Filippo Mancia, Ph.D. New York, NY <i>Structural basis of phosphoinositide biosynthesis in Mycobacterium tuberculosis</i> Trustees of Columbia University in the City of New York Dr. Charles Jayyosi, Ph.D. New York, NY <i>Mechanical Properties of Pregnant Cervix from Mouse Models of Infection-Mediated and Hormone-Mediated Preterm Birth</i> Metropolitan State University of Denver Dr. Brendan C Fry, Ph.D. <i>Elucidating the role of blood flow in glaucoma using a Green's function method</i> Board of Trustees of the University of Illinois Dr. Mariana Kersh, Ph.D. <i>Remodeling driven changes in porosity and strain mechanics in cortical bone</i>	9,000.00 40113 11/15/2016	PC
Trustees of Columbia University in the City of New York Dr. Charles Jayyosi, Ph.D. New York, NY <i>Mechanical Properties of Pregnant Cervix from Mouse Models of Infection-Mediated and Hormone-Mediated Preterm Birth</i> Metropolitan State University of Denver Dr. Brendan C Fry, Ph.D. <i>Elucidating the role of blood flow in glaucoma using a Green's function method</i> Board of Trustees of the University of Illinois Dr. Mariana Kersh, Ph.D. <i>Remodeling driven changes in porosity and strain mechanics in cortical bone</i>	7,000.00 41379 7/14/2017	PC
Metropolitan State University of Denver Dr. Brendan C Fry, Ph.D. <i>Elucidating the role of blood flow in glaucoma using a Green's function method</i> Board of Trustees of the University of Illinois Dr. Mariana Kersh, Ph.D. <i>Remodeling driven changes in porosity and strain mechanics in cortical bone</i>	7,500.00 41403 7/14/2017	GOV
Board of Trustees of the University of Illinois Dr. Mariana Kersh, Ph.D. <i>Remodeling driven changes in porosity and strain mechanics in cortical bone</i>	7,500.00 41388 7/14/2017	GOV

<u>Research Travel Grant</u>			
Board of Regents of the University of Oklahoma			
Dr. Susan J Schroeder, Ph.D.	9,000.00	GOV	
Oklahoma City, OK	41394		
<i>Metal Ion Interactions in RNA Shapeshifters</i>	7/14/2017		
Northeastern University			
Dr. Cyril Galitzine, Ph.D.	6,854.00	PC	
Boston, MA	41385		
<i>Mathematical modeling of peroxisome dynamics</i>	7/14/2017		
University of Colorado-Boulder			
Dr. Corrella Scott Detweiler, Ph.D.	10,000.00	GOV	
Boulder, CO	41406		
<i>Using Functional Microscopy to Understand How New Antimicrobials Work</i>	7/14/2017		
North Carolina State University			
Dr. Roger J Narayan, M.D., Ph.D.	7,500.00	GOV	
Raleigh, NC	41384		
<i>Two Photon Polymerization-Manufactured Nanostructures for Tissue Engineering</i>	7/14/2017		
Marquette University			
Dr. Qadir Timerghazin, Ph.D.	8,000.00	PC	
<i>Uncovering the Enzymatic Chemistry of S-Nitrosothiols: From Theory to Experiment</i>	41376		
University of Idaho	7/14/2017		
Mr. Nathan Robert Schiele, Ph.D.	8,000.00	GOV	
Moscow, ID	41402		
<i>Investigating effects of locomotion on tendon formation in developing neonates in vivo</i>	7/14/2017		
Cedars-Sinai Medical Center			
Dr. Jayoung Kim, Ph.D.	7,500.00	PC	
Los Angeles, CA	41413		
<i>Hair Metabolome Profiling To Predict Aggressive Prostate Cancer</i>	7/14/2017		
<u>Research Travel Grant</u>			
Johns Hopkins University			
Dr. Kuangwen Hsieh, Ph.D.	6,000.00	PC	
Baltimore, MD	41393		
<i>Translating Single-Cell Diagnostics for Urinary Tract Infections into Healthcare Settings</i>	7/14/2017		
University of Georgia			
Dr. Michelle C. Momany, Ph.D.	8,000.00	GOV	
Athens, GA	41395		
<i>EYASIVE BRANCHING IN FUNGI</i>	7/14/2017		

Tufts University Dr. Elizabeth Bennett Draganova, Ph.D. Boston, MA <i>Structural Analysis of Herpesvirus Nuclear Egress</i> McGill University Dr. David Kuter, Ph.D. Montreal, QC Canada	9,000.00 41381 7/14/2017	PC
<i>Tungsten as a Bone Carcinogen: Determining the Distribution of Tungsten in Bone and Spinal Disc Tissue</i> McGill University Dr. Thomas Martin Schmeing, Ph.D. Montreal, QC Canada	7,000.00 41414 7/14/2017	PC
<i>Electron microscopy using a phase plate and direct electron detector to study antibiotic-synthesizing enzymes</i>	8,000.00 41382 7/14/2017	PC
Research Travel Grant University of Texas-Dallas Dr. Oleg Makarenkov, Ph.D. Richardson, TX <i>Bifurcation of Spiking Oscillations in Resonate-and-Fire Neurons</i> Massachusetts Institute of Technology Dr. Dennis Zimmermann, Ph.D. Cambridge, MA <i>Mechanoregulation of key cytoskeletal components under force at the nano-scale</i> Virginia Commonwealth University Dr. Mikhail G Dozmorov, Ph.D. Richmond, VA <i>Epigenomic similarity as the unifying engine of disease genotypes and phenotypes</i> Washington University Dr. Jonathan C Barnes, Ph.D. Saint Louis, MO <i>Combating Multidrug Resistant Bacteria: A Supramolecular Block Copolymer Approach for Synergistic Release of Silver Ions and Antibiotics</i> Purdue University Dr. Martin Byung-Guk Jun, Ph.D. West Lafayette, IN <i>Diagnosis from exhaled breath using fiber optic and nanostructure based sensors</i>	8,000.00 41374 7/14/2017 10,000.00 41517 8/15/2017 3,908.00 41410 7/14/2017 7,500.00 41378 7/14/2017 7,000.00 41399 7/14/2017	GOV PC GOV PC PC

University of Iowa Dr. Lori L Wallrath, Ph.D. Iowa City, IA <i>Using microfluidic chips for in vivo analysis of subcellular defects associated with nuclear muscular dystrophy</i>	6,000.00 41396 7/14/2017	GOV
Research Travel Grant University of British Columbia Dr. Marghaleray Amini, Ph.D. Vancouver, BC Canada <i>2D- and 3D-Laser-Imaging of biological materials for high-precision trace element and isotope analyses</i>	3,700.00 41519 8/15/2017	PC
Queen's University Dr. Parvin Mousavi, Ph.D. Kingston, ON Canada <i>Prostate cancer diagnosis using multi-modality imaging and deep learning</i>	8,000.00 41383 7/14/2017	GOV
Regents of the University of California Dr. Jerod Michael Rasmussen, Ph.D. San Francisco, CA 94143 <i>Assessment of Dynamic Coherence in the Newborn Brain Using Resting State fMRI</i>	4,520.00 41409 7/14/2017	PC
University of Texas-San Antonio Dr. Lorenzo Brancaleon, Ph.D. San Antonio, TX <i>Collaboration for the Biomedical Applications of Protein Photosensitization.</i>	8,500.00 41408 7/14/2017	GOV
University of Ottawa Dr. Woo Jae Kim, Ph D. Ottawa, ON Canada <i>Development of machine learning-based image processing tool to automatically quantify visually-oriented novel mating behaviour of male fruit fly</i>	8,000.00 41387 7/14/2017	PC
Research Travel Grant Boston College Dr. Sarah Kelly McMenamin, Ph.D. Newton, MA <i>Roles of thyroid hormone in shaping the vertebrate craniofacial skeleton</i>	10,000.00 41392 7/14/2017	PC

Wayne State University Dr. Yu-Chung N. Cheng, Ph.D. Detroit, MI	7,975.00 41412 7/14/2017	GOV
<i>A Simple Handheld Electrical Device for Early Detection of Malaria</i> University of Delaware Dr. Jason Gleghorn, Ph.D. Newark, DE	9,996.00 41407 7/14/2017	GOV
<i>Delineating the role of transmural pressure in lung development</i> University of Saskatchewan Dr. Ekaterina Dadachova, D.Phil. Saskatoon, SK Canada	7,500.00 41386 7/14/2017	PC
<i>Radiomunotherapy of bacterial infections of the artificial joints</i> George Mason University Dr. Kim L Blackwell, D.V.M., Ph.D. Fairfax, VA	4,912.00 41400 7/14/2017	GOV
<i>The Role of the Dorsal Striatum in Short-term Motor Adaptation</i> Duke University Dr. Yang Zhang, Ph.D. Durham, NC	6,000.00 41411 7/14/2017	PC
<i>Collaborative effort to dissect the pathological roles of the newly discovered TMEM16 proteins in stroke</i>		
Research Travel Grant University of Texas Health Science Center-Houston Dr. Anja Karlstaedt, M.D., Ph.D. Houston, TX	7,514.00 41391 7/14/2017	GOV
<i>Can the oncometabolite D2-HG cause metabolic and structural remodeling in muscle?</i> Montana State University Dr. Erika Jimena Espinosa-Ortiz, Ph.D. Bozeman, MT	10,667.00 41405 7/14/2017	GOV
<i>Linking engineering and urology towards a better understanding and improved treatment of urinary stones</i> Montana State University Dr. Nicholas Monroe Dotson, Ph.D. Bozeman, MT	7,000.00 41372 7/14/2017	GOV
<i>Collective dynamics of large-scale neural circuits project.</i>		

University of North Carolina-Chapel Hill Dr. Neeta L. Vora, M.D. Chapel Hill, NC <i>A New Era of Genomics for Fetal Diagnosis</i>	10,000.00 41401 7/14/2017	GOV
University of North Carolina-Chapel Hill Dr. Oya Bernek, Ph.D. Chapel Hill, NC <i>Role of Herpes Simplex Virus-1 replication proteins in recombination-dependent replication</i>	10,000.00 41377 7/14/2017	GOV
University of North Carolina-Chapel Hill Dr. Emily Hueywen Chang, M.D. Chapel Hill, NC <i>UNC UAB Kidney Contrast Enhanced Ultrasound Collaboration</i>	7,000.00 41390 7/14/2017	GOV
Research Travel Grant Ohio University Dr. Felicia V. Nowak, M.D., Ph.D. Athens, OH <i>Collaborative Initiative to Characterize Mice Deficient in ArhGAP39</i>	8,018.00 41380 7/14/2017	GOV
James Madison University Dr. Raymond Enke, Ph.D. Harrisonburg, VA <i>Integrating bioinformatics tools for next generation sequencing analysis of diseased retinal neurons</i>	7,726.00 41397 7/14/2017	GOV
Clarkson University Dr. Elizabeth J Podlaha-Murphy, D.Phil., Ph.D. Potsdam, NY <i>Designing low cost molecular detection devices for DNA sequencing</i>	10,000.00 41518 8/15/2017	PC
Arkansas Tech University Dr. Newton Parr Hilliard, Ph.D. Russellville, AR <i>A non-pathogenic model for investigating acid tolerance in nosocomial pathogens</i>	10,000.00 41389 7/14/2017	GOV
University of Kentucky Research Foundation Dr. Carrie L. Shaffer, Ph.D. Lexington, KY <i>Caught in the Act: Visualizing the Architecture of Bacterial Type IV Secretion System Machinery at the Cell-Cell Interface</i>	10,000.00 41051 5/15/2017	SO I

Regents of the University of Michigan

Dr. Yang Lyu, Ph.D.

MI

*Neurometabolomic approaches to identify mechanisms through which motivation and reward modulate aging*7,000.00
41373
7/14/2017

PC

Research Travel Grant**President and Fellows of Harvard College**

Dr. Yu-Chen Tony Tsai, M.D., Ph.D.

Boston, MA

*The biophysical basis of neural progenitor cell sorting during zebrafish spinal cord development*8,000.00
41404
7/14/2017

PC

University of Ontario Institute of Technology

Dr. Pietro-Luciano Buono, Ph.D.

Oshawa, ON

Canada

*Burroughs Wellcome Fund Collaborative Research Travel Grant on behalf of Pietro-**Luciano Buono***Trustees of the University of Pennsylvania**

Dr. Laura Su, M.D., Ph.D.

Philadelphia, PA

*Defining how pre-existing memory T cells impact human vaccination response*8,000.00
41398
7/14/2017

PC

Research Travel Grant**Icahn School of Medicine at Mount Sinai**

Dr. Alison P Sanders, Ph.D.

New York, NY

*MicroRNAs program developmental metal nephrotoxicity***Student Science Enrichment Program****Highlands Biological Station Foundation**

Dr. James T Costa, Ph.D.

Highlands, NC

*Watershed Moments: Exploring Science and Math in Cullowhee Creek*8,000.00
41375
7/14/2017

PC

54,817.00
40284
12/15/2016

PC

Association for the Preservation of the Eno River Valley, Inc.Mr. Dave Cook
Durham, NC60,000.00
40114
11/15/2016

PC

*Walk the Eno Science & Nature Camp and Eno Summer Science Academy, a Year-Round Learning Experience***Swain County High School/Swain County Schools**Ms. Norma Pattillo
Bryson City, NC
*Project Endeavor*60,000.00
40279
12/15/2016

GOV

Aurora Fossil Museum Foundation, Inc.Ms. Cynthia D Crane
Aurora, NC59,648.00
40121
11/15/2016

PC

*IMAGINE-NC. Integrating Mathematics and Geology In Eastern North Carolina***Pamlico County Schools**Dr. Tammy Anne Scot, Ph.D.
Oriental, NC47,478.00
40289
12/15/2016

GOV

*After-school and Summer Engineering Adventure Camp***Student Science Enrichment Program****Cape Fear Community College Foundation, Inc.**Mr. Tracy Lonzie Lee Holbrook
Wilmington, NC45,944.00
40277
12/15/2016

PC

*CT-RISE: Chem-Techathon: Renewing Interest in Science Education***Sylvan Heights Waterfowl Park & Eco-Center**Mrs. Lee Peoples
Scotland Neck, NC56,548.00
40290
12/15/2016

PC

*Soaring into Science***Beaufort County Police Activities League, Inc.**Mr. Alvin D Powell
Bath, NC50,920.00
40281
12/15/2016

PC

*Youth Career and STEM Enrichment Program Using Aviation and Robotics***Mount Airy City Schools**Dr. Jesse Hiatt
Mount Airy, NC60,000.00
40123
11/15/2016

GOV

*RCR Driven to Lead***North Carolina Arboretum Society**Mr. Jonathan Darrel Marchal
Asheville, NC59,712.00
40293
12/15/2016

PC

EcoEXPLORE (Experience Promoting Learning Outdoors for Research and Education)

Rockingham District Partners In Ministry

Dr. Melba McCallum, Ed.D.

Laurinburg, NC

*SYSTEM- Strengthening Youth in Science, Technology, Engineering, and Math*60,000.00
40292
12/15/2016

PC

Student Science Enrichment Program**Lenoir County Public Schools**

Ms. Becky Lynn Hines

Kinston, NC

*Lenoir County Public Schools STEM Summer Camp***Foundation of the Carolinas**

Ms. Linda Cagley

Charlotte, NC

*The Summer Science Experience - Sixth Grade Science Sleuths and Ten80 PLUS***Cherokee Boys Club, Inc.**

Mrs. Bette P Fitzgerald

Cherokee, NC

*Cherokee Middle School - Cherokee Science Investigation - Medical Mania***Port Discover: Northeast North Carolina's Center for Hands-On Science, Inc.**

Mr. Mike Rice

Elizabeth City, NC

*Build a Better Pipeline***West Marion Elementary School**

Mrs. Renata Sabine Crawley

Marion, NC

*Project Wild Thing***University of North Carolina-Chapel Hill**

Ms. Katie Stoudemire

Chapel Hill, NC

*Wonder Connection (Healing and Hope Through Science)*60,000.00
40274
12/15/2016

GOV

60,000.00
40288
12/15/2016

GOV

Student Science Enrichment Program**Orange County Schools**

Ms. Erin Denniston

Hillsborough, NC

*Engineering Matters*58,500.00
40122
11/15/2016

GOV

Duke University			
Dr. Nicolette L. Cagle, Ph.D.			
Durham, NC			
<i>Environmental Science Summer Program at Duke</i>			
Pitt County Schools			
Mr. Tim DeCresie			
Greenville, NC			
<i>Project MERC (Making, Engineering, Robotics and Coding)</i>			
Friends of the North Carolina State Museum of Natural Sciences			
Ms. Christine Goforth			
Raleigh, NC			
<i>Dragonfly Detectives Introducing Children to Citizen Science</i>			
Friends of the North Carolina State Museum of Natural Sciences			
Ms. Lynn Cross			
Raleigh, NC			
<i>Teen Science Cafes</i>			
Rowan-Salisbury Schools			
Mr. Neil Allen Pifer			
Salisbury, NC			
<i>The BRIDGE (Building Research Investigators Doing Growth Experiences) program of Rowan Salisbury Schools</i>			
Student Science Enrichment Program			
Guilford County Schools			
Johnette A. McCain, Ph.D.			
Greensboro, NC			
<i>GCS Building Robotics!</i>			
Greene County Schools			
Dr. Frank Creech, Ed.D.			
Snow Hill, NC			
<i>Greene STEM Summer</i>			
Discovery Place Inc.			
Ms. Kaylan Petrie			
Charlotte, NC			
<i>After-School STEM Enrichment Project at Palisades Park</i>			

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*57,029.00
40126
11/15/2016

PC

Student Science Enrichment Program**University of North Carolina-Pembroke**

Dr. Rita Hagevik, Ph.D.

Pembroke, NC

*Kids in the Garden: Developing STEM Skills for a Sustainable Future***Charlotte/Mecklenburg Schools**

Ms. Darlene Petranick

Charlotte, NC

*Enriching and Enhancing Hands-On Science at Title I Schools With Camp Invention***Pfeiffer University**

Dr. Laura Hudson Reichenberg

Misenheimer, NC

*PROJECT GENES: Genetics Education for the Next Era of Science***Wake County Public School System**

Mr. Paul R. Domenico

Raleigh, NC

*STEM Wise***Elon University**

Dr. Kimberly Beane Pyne, Ph.D.

Elon, NC

*Wildlife Studies: Critical Carnivores***North Carolina State University**

Dr. Matthew Damon Koci

Raleigh, NC

*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*59,853.00
40125
11/15/2016

PC

60,000.00
40278
12/15/2016

GOV

Student Science Enrichment Program**North Carolina State University**

Mrs. Elizabeth Ann Driscoll

Raleigh, NC

*Project PLANTS: Planting Leaders in Agriculture and Nature Through Science*59,998.00
40276
12/15/2016

GOV

North Carolina State University Dr. Tameshia Ballard, Ph.D. Raleigh, NC	60,000.00 40282 12/15/2016	GOV
<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>		
North Carolina State University Dr. Kevin Matthew Oliver, Ph.D. Raleigh, NC	59,146.00 40291 12/15/2016	GOV
<i>iNnovative Exploration of Science and Technology (iNEST)</i>		
North Carolina State University Dr. Patrick W. Curley, Ed.D. Raleigh, NC	59,600.00 40873 4/13/2017	GOV
<i>Coastal Inquirers</i>		
North Carolina State University Ms. Heather Aldridge Raleigh, NC	59,671.00 40117 11/15/2016	GOV
<i>RAIN (Raising Achievement through Inquiry and Networking) Across the River</i>		
North Carolina State University Dr. Eric S. Money Raleigh, NC	59,975.00 40119 11/15/2016	GOV
<i>GAPS (Geospatial Analytics for Problem Solving) for Hi-Tech Teens</i>		
TOTAL	\$27,015,013	

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<u>(A) Career Development of Postdoctoral Scientists</u>		
University of Colorado-Boulder	10,000.00	GOV
Dr. Thomas T Perkins, Ph.D. Boulder, CO	40150	
<i>Support for the 9th biennial Single Molecule Biophysics Workshop, Aspen, Colorado, January 8 -13, 2017</i>		
International Society for Antiviral Research	7,500.00	PC
Mr. Roger Ptak Birmingham, AL	40908	
<i>Support for the 2017 Gertrude Elion Memorial Lecture Award</i>		
Marine Biological Laboratory (MBL)	90,000.00	PC
Ms. Stacy Schwenke Woods Hole, MA	41057	
<i>Support for the 2017-2019 Embryology course: Concepts & Techniques in Modern Developmental Biology</i>		
American Society for Cell Biology	25,000.00	PC
Dr. Desirée L. Salazar, Ph.D. Bethesda, MD	39963	
<i>Support for the Minorities Affairs Committee (MAC) and Women in Cell Biology (WICB) activities at the annual meeting, San Francisco, California, December 3-7, 2016</i>		
Tides Foundation	25,000.00	PC
Ms. Kriss Deiglmeier San Francisco, CA	41060	
<i>Support for the Gairdner National Program lecture series</i>		
<u>(A) Career Development of Postdoctoral Scientists</u>		
Society for Neuroscience	30,000.00	PC
Mr. Martin Saggese	39969	

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Washington, DC	10/14/2016	
<i>Support for trainee professional development awards to the Society of Neuroscience's annual meeting, San Diego, California, November 12-16, 2016</i>		
(A) Communications/Science Writing		
Open Notebook		PC
Ms. Siri Janet Carpenter, Ph.D. Madison, WI	20,000.00 40592 2/15/2017	
<i>The Open Notebook/BWF Early-Career Science Journalism Fellowship</i>		
Food and Environment Reporting Network (FERN)		PC
Ms. Cynthia Graber Somerville, MA	10,000.00 40735 3/15/2017	
<i>Gastropod Coverage of Biomedical Research</i>		
EducationNC		PC
Ms. Mebane Rash Raleigh, NC	25,000.00 40599 2/15/2017	
<i>General support for 2017</i>		
Sigma Xi, The Scientific Research Society		PC
Dr. Jamie Lee Vernon Research Triangle Park, NC	10,000.00 40904 4/13/2017	
<i>Science Communicators of North Carolina (SCONC) Education and Outreach Project</i>		
North Carolina Community Foundation/North Carolina Network of Grantmakers		PC
Ms. Ret Boney Raleigh, NC	2,500.00 40137 11/15/2016	
<i>NCNG Communications Networking Group Retreat</i>		
(A) Communications/Science Writing		
North Carolina Community Foundation/North Carolina Network of Grantmakers		PC
	8,500.00	

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Ms. Ret Boney Raleigh, NC	40725	
<i>Support for the Communications Training Initiative - One-on-One Coaching</i>		
National Academies		
Ms. Barbara Kline Pope Washington, DC	10,000.00 41062	PC
<i>Support for the Arthur Sackler Colloquium</i>	5/15/2017	
American Association for the Advancement of Science		
Dr. Rebekah Jean Corlew, Ph.D. Washington, DC	20,000.00 41242	PC
<i>Support for the 2017 AAAS Mass Media Science and Engineering Fellowship</i>		
North Carolina Community Foundation		
Ms. Tori Small Raleigh, NC	5,600.00 40146	PC
<i>Communications Training Initiative Year 4</i>	11/15/2016	
(A) Diversity in Science		
University of California-Santa Cruz Foundation		
Mr. Teel Lopez Santa Cruz, CA	5,000.00 41427	PC
<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>		
University of North Carolina-Chapel Hill		
Dr. Richard L Watkins Chapel Hill, NC	3,000.00 40912	GOV
<i>Support for the Second Annual Diversity in STEM Conference</i>	4/13/2017	
(A) Diversity in Science		

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Friends of the North Carolina State Museum of Natural Sciences	10,000.00	PC
Mrs. Stephanie Cobert Raleigh, NC	40309	
<i>Support for the speaker series for "Race. Are We So Different"</i>		
(A) General Philanthropy		
American Institute of Biological Sciences	1,500.00	PC
Dr. Scott Glisson McLean, VA	39964	
<i>Support for the meeting titled "The Role of Peer Review in Informed Decision-making"</i>		
North Carolina Community Foundation/North Carolina Network of Grantmakers	3,360.00	PC
Ms. Ret Boney Raleigh, NC	41527	
<i>Support for 2017-18</i>		
National Postdoctoral Association	5,000.00	PC
Ms. Julie Fabsik-Swartz Washington, DC	40586	
<i>Support for covering the cost of staff time and publishing costs for the 2016 iteration of the National Postdoctoral Association Institutional Policy Survey and Report</i>		
Health Research Alliance, Inc. (HRA)	12,500.00	PC
Dr. Maryrose E. Franko, Ph.D. Research Triangle Park, NC	40419	
<i>Support for the gHRAsp database</i>		
PEAK Grantmaking	3,500.00	PC
Ms. Michelle L. Greanias DC	41531	
<i>Support for PEAK Grantmaking (aka Grants Managers Network (GMN)), the nationwide affinity group for grants managers, providing members with valuable opportunities for professional development</i>		
Council on Foundations	23,500.00	PC

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Ms. Vikki Spruill Washington, DC <i>Support for 2017</i>	40424 1/16/2017	
Foundation Center		PC
Ms. Nancy Albalal New York, NY <i>General Operating Support for 2016 - 2017</i>	7,500.00 39960 10/14/2016	
(A) General Philanthropy		
University of Western Ontario		PC
Dr. Mihaela Harnos, Ph.D. London, ON Canada <i>Support for the 2016 Canadian Association of Postdoctoral Administrators (CAPA/ACAP)</i> <i>meeting November 1-2, 2016 Toronto, Ontario</i> Association for Women in Science	6,000.00 39973 10/14/2016	
Ms. Cynthia L. Simpson, CAE, M.Ed. Washington, DC <i>Support for renewal of Burroughs Wellcome Fund Association for Women in Science</i> <i>partnership dues</i>	5,000.00 40594 2/15/2017	PC
(A) Infectious Disease - Career Development		
University of Alabama-Birmingham		GOV
Dr. Lisa Schwiebert, Ph.D. Birmingham, AL <i>Support for the Institutional Research and Academic Career Development Award</i> <i>(IRACDA) conference in Birmingham, Alabama on June 4-6, 2017</i> University of Western Ontario	5,000.00 40906 4/13/2017	
Dr. Mohamad Adi, Ph.D. London, ON Canada	6,000.00 39955 10/14/2016	PC

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<i>Support for the 6th Annual General Meeting (AGM) October 31, 2016 at the University of Toronto</i>		
Washington State University		PC
Dr. Allison Coffin, Ph.D. Pullman, WA	2,500.00 40133 11/15/2016	
<i>Support for Science Talk NW, a 2-day science communication conference, January 26-27, 2017 Oregon Museum of Science and Industry, Portland Oregon</i>		
(A) Infectious Disease - Career Development		
Children's Science Center		PC
Ms. Adalene Spivy VA	1,000.00 41251 6/15/2017	
<i>Support for the Children's Science Center in Fairfax, Virginia in lieu of honorarium to Dr. Maryrose Franko</i>		
(A) Infectious Diseases - General		
North Carolina State University		GOV
Dr. Kevin S. McIver Raleigh, NC	6,000 00 40135 11/15/2016	
<i>Support for the 2017 Mid-Atlantic Microbial Pathogenesis Meeting to be held at the Wintergreen Resort February 12-14, 2017</i>		
University of Massachusetts-Amherst		GOV
Dr. Li-Jun Ma, Ph.D. Amherst, MA	1,000.00 40138 11/15/2016	
<i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Dr. Robb Cramer, to present a seminar at the University of Massachusetts-Amherst</i>		
Federation of American Societies for Experimental Biology		PC
Dr. Erin C. Gaynor, Ph.D. Bethesda, MD	10,000.00 41426 7/14/2017	
<i>Support for the Federation of American Societies for Experimental Biology (FASEB) Summer Research Conference "Molecular Pathogenesis: Mechanisms of Infectious</i>		

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<i>Disease" in Snowmass, Colorado July 9 – 14, 2017</i>		
Yale University	1,000.00	PC
Dr. Akiko Iwasaki, Ph.D. New Haven, CT	40140	
<i>Support for Burroughs Wellcome Fund Clinical Scientist in Translational Research awardee, Dr. Mike Diamond, to present a seminar at Yale University</i>	11/15/2016	
(A) Infectious Diseases - General		
New York University School of Medicine	1,000.00	PC
Dr. Victor J. Torres, Ph.D. Dept. of Psychiatry, Neuroscience & Physiology One Park Avenue, Rm 8-226 New York, NY 10016	40321	
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Dr. Igor Brodsky, to present a seminar at New York University November 17, 2016</i>	12/15/2016	
New York University School of Medicine	1,000.00	PC
Dr. K. Heran Darwin, Ph.D. Dept. of Psychiatry, Neuroscience & Physiology One Park Avenue, Rm 8-226 New York, NY 10016	40727	
<i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Russell Vance, to present a seminar in March 2017 at the New York University School of Medicine</i>	3/15/2017	
New York University School of Medicine	1,000.00	PC
Andrew Darwin, Ph.D. Dept. of Psychiatry, Neuroscience & Physiology One Park Avenue, Rm 8-226 New York, NY 10016	40728	
<i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Joseph Mougous, to present a seminar in March 2017 at the New York University School of Medicine</i>	3/15/2017	
Genetics Society of America	10,000.00	PC

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Dr. Marc Joel Orbach, Ph.D. <i>Support for the Asilomar 29th Fungal Genetics Conference March 14-19, 2017</i>	40425 1/16/2017	
Research Foundation of the State University of New York		PC
Dr. Maurizio Del Poeta, M.D. <i>Support for the 10th International Conference on Cryptococcus and Cryptococcosis (ICCC) March 26-30, 2017 in Foz Do Iguaçu, Brazil</i>	10,000.00 40129 11/15/2016	
Virginia Commonwealth University Foundation		PC
Dr. Jennifer M. Fettweis VA <i>Support for US, Canada, and Latin America students to attend the European Molecular Biology Organization (EMBO) conference "Anaerobic protists Integrating parasitology with mucosal microbiota and immunology" August 31 - September 3, 2017</i>	3,000.00 41073 5/15/2017	
Association of American Veterinary Medical Colleges		PC
Dr. Andrew T. Maccabe, DVM, MPH, JD 655 K Street, Suite 725 Washington, DC 20001 <i>Support for the Burroughs Wellcome Fund's Becoming Faculty Workshop in Washington, DC August 3-6, 2017</i>	50,000.00 41536 8/15/2017	
Environmental Mutagenesis and Genomics Society		PC
Dr. Leona D. Samson, Ph.D. 12627 San Jose Blvd., Suite 202 Jacksonville, FL 32223 <i>Support for a special symposium titled "DNA Repair Mechanisms and Consequences. A Tribute to Philip C. Hanawalt" held September 13-14, 2017 in Raleigh, North Carolina sponsored by the Environmental Mutagenesis and Genomics Society (EMGS)</i>	5,000.00 41532 8/15/2017	
(A) Infectious Diseases - General		
Stanford University		PC
Dr. David S. Schneider, Ph.D. San Francisco, CA <i>Support for Investigator in the Pathogenesis of Infectious Disease advisory committee</i>	1,000.00 41247 6/15/2017	

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<i>member, Daniel Goldberg, M.D., Ph.D., to present a seminar at Stanford University</i> McGill University	1,000.00 40428	PC
<i>Dr. Philippe Gros, Ph.D.</i> Montreal, QC Canada	1/16/2017	
<i>Support for Dr. Nan Yan of the University of Texas Southwestern Medical Center to speak at the Excellence in Genetics & Immunology lecture series at McGill University on December 12, 2016</i> Vanderbilt University	81,000.00 41236	PC
<i>Dr. Roger Chalkley, D.Phil.</i> Nashville, TN	6/15/2017	
<i>Support for the joint AAMC/BEST conference in September 2017</i> Vanderbilt University	19,000.00 40584	PC
<i>Dr. Roger Chalkley, D.Phil.</i> Nashville, TN	2/15/2017	
<i>Support for the joint AAMC/BEST conference in September 2017</i> Stanford University	1,000.00 41248	PC
<i>Denise M. Monack, Ph.D.</i> San Francisco, CA	6/15/2017	
<i>Support for Investigator in the Pathogenesis of Infectious Disease advisory committee member, Margaret Kilian, Ph.D., to present a seminar at Stanford University</i> Stanford University	1,000.00 41249	PC
<i>Dr. John C. Boothroyd, Ph.D.</i> San Francisco, CA	6/15/2017	
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Sara Sawyer, Ph.D., to present a seminar at Stanford University</i> Stanford University	1,000.00 41250	PC
<i>Dr. Justin L. Sonnenburg, Ph.D.</i> San Francisco, CA	6/15/2017	
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Luciano Marraffini, Ph.D., to present a seminar at Stanford University</i>		

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Cold Spring Harbor Laboratory	10,000.00	PC
Raphael H. Valdivia, Ph.D. Cold Spring Harbor, NY	41068 5/15/2017	
<i>Support for the Cold Spring Harbor Laboratory's 2017 meeting entitled Microbial Pathogenesis and Host Response September 12-16, 2017</i>		
(A) Infectious Diseases - General		
Cold Spring Harbor Laboratory	5,000.00	PC
Russell Vance, Ph.D. Cold Spring Harbor, NY	41071 5/15/2017	
<i>Support for a Banbury meeting entitled "NLRs Sans Frontieres" held September 17-21, 2017</i>		
University of Texas-Austin	1,000.00	GOV
Marvin Whiteley, Ph.D. Austin, TX	40729 3/15/2017	
<i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Christine Dunham, to present a seminar in March 2017 at the University of Texas-Austin</i>		
Case Western Reserve University	35,000.00	PC
Dr. Emmitt R Jolly, Ph.D. Nord Hall, Room 615 10900 Euclid Avenue Cleveland, OH 44106	41537 8/15/2017	
<i>Support for the "Tool and Community Development in Helminth Parasite Research"</i>		
Cornell University	1,000.00	PC
Dr. John S. Parker, BVMS., Ph.D. Ithaca, NY	39970 10/14/2016	
<i>Support for a seminar to be presented by Mary Estes at Cornell University on September 15 and 16, 2016</i>		
Cornell University	15,000.00	PC
Dr. John S. Parker, BVMS., Ph.D.	41523	

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Ithaca, NY	8/15/2017	
<i>Support for the Burroughs Wellcome Fund's Becoming Faculty Workshop in Washington, DC August 3 - 5, 2017</i>		
(A) Infectious Diseases - General		
Washington University	1,000.00 40141	PC
Dr. Daniel E. Goldberg, M.D., Ph.D. Saint Louis, MO	11/15/2016	
<i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Dr Kent Hill, to present a seminar at Washington University</i>		
Marine Biological Laboratory (MBL)	175,000.00 41353	PC
Ms. Mary Loftus Woods Hole, MA	7/14/2017	
<i>Support for the Biology of Parasitism (BoP) course at the Marine Biological Laboratory over a four-year period, 2015-2019</i>		
American Society for Microbiology	10,000.00 40130	PC
Dr. Julie K. Pfeiffer, Ph.D. Washington, DC	11/15/2016	
<i>Support for the inaugural American Society for Microbiology/American Society for Virology (ASM/ASV) Conference on Intestinal Viruses, Bacteria, and the Host April 30-May 4, 2017 in Bethesda, Maryland</i>		
American Society for Microbiology	6,000.00 40420	PC
Dr. Kevin Foster Washington, DC	1/16/2017	
<i>Support for a new meeting of the American Society for Microbiology on Mechanisms of Interbacterial Cooperation and Competition March 1-4, 2017 in Washington, DC</i>		
American Society for Microbiology	5,000.00 40591	PC
Dr. K. Heran Darwin, Ph.D. Washington, DC	2/15/2017	
<i>Support for the American Society for Microbiology Conference on Tuberculosis: Past,</i>		

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<i>Present and Future April 1-4, 2017, New York, New York</i>		
(A) Infectious Diseases - General		
Regents of the University of California		PC
Dr. Anna I Bakardiev, M.D. San Francisco, CA 94143	1,000.00 40139 11/15/2016	
<i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Dr Sunny Shin, to present a seminar at the University of California-San Francisco</i>		
Regents of the University of California		PC
Dr. Suzanne M. Noble, M.D., Ph.D. San Francisco, CA 94143	6,000.00 40593 2/15/2017	
<i>Support for the 20th anniversary of the Bay Area Microbial Pathogenesis Symposium (BAMPS) March 18, 2017 Mission Bay, California</i>		
University of Texas Southwestern Medical Center-Dallas		GOV
Dr. Vanessa Sperandio, Ph.D. Dallas, TX	1,000.00 41246 6/15/2017	
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Marvin Whiteley, Ph.D., to present a seminar at the University of Texas Southwestern Medical Center's Micro series in the fall of 2017</i>		
(A) Infectious Diseases - General		
University of Texas Southwestern Medical Center-Dallas		GOV
Dr. Julie K. Pfeiffer, Ph.D. Dallas, TX	1,000.00 41425 7/14/2017	
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Dr. Andy Mehle, to present a seminar at the University of Texas Southwestern Medical Center</i>		
University of Texas Southwestern Medical Center-Dallas		GOV
Dr. Nan Yan, D.Phil. Dallas, TX	1,000.00 40143 11/15/2016	

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<i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease awardee, Dr Sun Hur, to present a seminar at the University of Texas Medical Center-Dallas</i>		
University of Texas Southwestern Medical Center-Dallas		GOV
Dr. Neal M Alto, Ph.D. Dallas, TX	1,000.00 40427 1/16/2017	
<i>Support for Investigator in the Pathogenesis of Infectious Disease Advisory Committee member, John Boothroyd, to present a seminar at the University of Texas Southwestern Medical Center in April 2017</i>		
University of Notre Dame		PC
Dr. Patricia A Champion, Ph.D. Notre Dame, IN	6,000.00 40724 3/15/2017	
<i>Support for the 24th annual Midwest Microbial Pathogenesis Conference (MMPC) August 25-27, 2017 at the University of Notre Dame</i>		
University of Notre Dame		PC
Dr. Kasturi Halder, Ph.D. Notre Dame, IN	6,000.00 41072 5/15/2017	
<i>Support for the Midwest Neglected Infectious Diseases meeting (MNID M) August 27-28, 2017 at the University of Notre Dame</i>		
Vanderbilt University Medical Center		PC
Dr. D. Borden Lacy, Ph.D. Nashville, TN	1,000.00 41059 5/15/2017	
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Dr. Andy Goodman, to present a seminar at Vanderbilt University January 2017</i>		
(A) Infectious Diseases - General		
Vanderbilt University Medical Center		PC
Dr. David M. Aronoff, M.D., FIDSA Nashville, TN	1,000.00 41533 8/15/2017	

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<i>Support for Pre-term Birth Initiative awardee, Indira Mysorekar, to present a seminar at Vanderbilt University</i>			
Vanderbilt University Medical Center			PC
Dr. D. Borden Lacy, Ph.D. Nashville, TN	1,000.00 40320	12/15/2016	
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Dr. Andy Goodman, to present a seminar at Vanderbilt University January 2017</i>			
National Academy of Sciences			PC
Thomas Rudin 500 Fifth Street, NW Washington, DC 20001	15,000.00 41524	8/15/2017	
<i>Support for a proposed consensus study through "Mentoring in STEMM Education"</i>			
Pennsylvania State University			GOV
Dr. Aron E. Lukacher, M.D., Ph.D. University Park, PA	1,000.00 39971	10/14/2016	
<i>Support for a seminar to be presented on September 29, 2016 at Pennsylvania State University by Jonathan Kagan, Ph D of Boston Children's Hospital and Harvard Medical School</i>			
Pennsylvania State University			GOV
Manuel Llinas, Ph.D. University Park, PA	25,000.00 40307	12/15/2016	
<i>Support for a meeting on CRISPR/Cas for Plasmodium and other Apicomplexan parasites to be held at the Wellcome Trust Sanger Institute in December 2016</i>			
(A) Infectious Diseases - General			
Memorial Sloan-Kettering Cancer Center			PC
Dr. Tobias Martin Hohl, M.D., Ph.D. New York, NY 10017	1,000.00 41244	6/15/2017	
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Audrey Odom, M.D., Ph.D., to present a seminar at Memorial Sloan-Kettering Cancer Center in the fall</i>			

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<i>of 2017</i>			
American Society of Tropical Medicine and Hygiene	30,000.00		PC
Ms Karen Goraleski	39953		
Oakbrook Terrace, IL		10/14/2016	
<i>Support for the 65th Annual Meeting of the American Society of Tropical Medicine and Hygiene to be held November 13-17, 2016 at the Atlanta Marriott Marquis in Atlanta, Georgia</i>			
American Society of Tropical Medicine and Hygiene	402,000.00		PC
Ms. Karen Goraleski	41415		
Oakbrook Terrace, IL		7/14/2017	
<i>Support for the Burroughs Wellcome Fund/American Society of Tropical Medicine and Hygiene fellowships for three years 2017-2020</i>			
American Society of Tropical Medicine and Hygiene	18,000.00		PC
Ms. Karen Goraleski	41428		
Oakbrook Terrace, IL		7/14/2017	
<i>Support for the travel of the award-winning presenters from the Woods Hole Parasitology meetings who will present at the American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP) scientific sessions at the annual ASTMH meeting</i>			
University of Pittsburgh	15,000.00		PC
Dr. Terence S. Dermody, M.D.	40720		
Pittsburgh, PA		3/15/2017	
<i>Support for the 17th International Congress of Virology July 17-21, 2017 Singapore</i>			
(A) Infectious Diseases - General			
Rutgers, The State University of New Jersey	1,000.00		PC
Dr. Amariliz Rivera, Ph.D.	40144		
<i>Support for Burroughs Wellcome Fund Investigator in the Pathogenesis of Infectious Disease Advisory Committee member, Dr. Aaron Mitchell, to present a seminar at Rutgers University</i>		11/15/2016	

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Rutgers, The State University of New Jersey	3,000.00	PC
Dr. Amariliz Rivera, Ph.D.	40151	
<i>Support for a Burroughs Wellcome Fund-PATH awardee networking symposium in the Tri-State area of New York/New Jersey/Pennsylvania</i>		
University of North Carolina-Chapel Hill	1,000.00	GOV
Dr. William E. Goldman, Ph D.	41429	
Chapel Hill, NC	7/14/2017	
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Michael Fischbach, to present a seminar at the University of North Carolina</i>		
University of North Carolina-Chapel Hill	1,000.00	GOV
Dr. Miriam Braunstein, Ph.D.	41430	
Chapel Hill, NC	7/14/2017	
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Andrew Goodman, to present a seminar at the University of North Carolina</i>		
University of North Carolina-Chapel Hill	1,000.00	GOV
Dr Blossom Damania, Ph.D.	41431	
Chapel Hill, NC	7/14/2017	
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Matt Evans, to present a seminar at the University of North Carolina</i>		
(A) Infectious Diseases - General		
University of North Carolina-Chapel Hill	1,000.00	GOV
Dr. Virginia Miller, Ph.D.	41432	
Chapel Hill, NC	7/14/2017	
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Russell Vance, to present a seminar at the University of North Carolina</i>		
University of Texas Health Science Center-San Antonio	6,000.00	GOV
Dr. Philip T. LoVerde, Ph.D.	40132	
San Antonio, TX	11/15/2016	

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<i>Support for a meeting on Molecular Helminthology – An Integrated Approach held March 19-22, 2017 in Cape Cod, Massachusetts</i>		
Regents of the University of California		PC
Dr. Anita Sil, M.D., Ph.D. CA	5,000.00 40313 12/15/2016	
<i>Support for the seventh Advanced Lecture Course "Human fungal pathogens (HFP) molecular mechanisms of host-pathogen interactions and virulence" May 13-17, 2017 Nice, France</i>		
University of Colorado		GOV
Dr. Richard E. Davis, Ph.D. <i>Support for the 2017 Molecular and Cellular Biology of Helminth Parasites conference September 4-1, 2017 in Hydra, Greece</i>	6,000.00 40585 2/15/2017	
Gordon Research Conferences		PC
Dr Blossom Damania, Ph.D. <i>Support for the Gordon Research Conference titled "Viruses and Cells" May 14-19, 2017</i>	6,000.00 40112 11/15/2016	
(A) Infectious Diseases - General		
Gordon Research Conferences		PC
Dr. Jesus G. Valenzuela, Ph.D. <i>Support for the Gordon Research Conference on " Tropical Infectious Diseases: Advances in Basic and Translational Research" held in Galveston, Texas, March 12-17, 2017</i>	6,000.00 40115 11/15/2016	
Gordon Research Conferences		PC
Dr. George S. Deepe, Jr., M.D. <i>Support for the Gordon Research Conference titled :Immunology on Fungal Infections" January 15-20, 2017 Galveston, Texas</i>	6,000.00 40128 11/15/2016	
Gordon Research Conferences		PC
Dr. John H. Brumell, Ph.D. <i>Support for the Gordon Research Conference (GRC) on Phagocytes, Waterville Valley,</i>	8,000.00 40721 3/15/2017	

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<i>New Hampshire, June 11-16, 2017</i>		
Gordon Research Conferences	8,000.00	PC
Dr. Eric Skaar, Ph.D.	40896	
<i>Support for the 2017 Gordon Research Conference (GRC) on Staphylococcal Diseases Waterville Valley, New Hampshire, August 6-11, 2017</i>	4/13/2017	
Gordon Research Conferences	6,000.00	PC
Dr. Maria M. Mota	40898	
<i>Support for the Malaria Gordon Research Conference July 2-7, 2017 in Diablerets, Switzerland</i>	4/13/2017	
Gordon Research Conferences	1,500.00	PC
Dr. Kasturi Halder, Ph.D.	41241	
<i>Support for the Gordon Research conference titled "Red blood cells: formation, genetics, physiology and disease mechanisms", July 16 - 21, 2017, Salve Regina University, Rhode Island</i>	6/15/2017	
(A) Infectious Diseases - General		
Regents of the University of Michigan	6,000.00	PC
Dr. D. Borden Lacy, Ph.D.	40718	
MI	3/15/2017	
<i>Support for the International Conference on Molecular Biology and Pathogenesis of the Clostridia (Clostridia10) August 7-10, 2017 in Ann Arbor, Michigan</i>		
Regents of the University of Michigan	45,000.00	PC
Dr. David Ginsburg, M.D.	41238	
MI	6/15/2017	
<i>Support for BWf/HHMI partnership veterinary student training program fellow Katherine Turnbull</i>		
Regents of the University of California	1,000.00	PC
Dr. Michael A. Fischbach, Ph.D.	40310	
2195 Hearst Avenue, Room 130	12/15/2016	
Berkeley, CA 94720-1103		

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Dr. Sun Hur, Ph.D. Boston, MA	3/15/2017	40736
<i>Support for Investigator in the Pathogenesis of Infectious Disease awardee, Dr. Sunny Shun, to present a seminar at Harvard Medical School in May 2017</i>		
Trustees of the University of Pennsylvania		PC
Dr. Scott E. Hensley, Ph.D. Philadelphia, PA	6/15/2017	2,000.00 41243
<i>Support for a joint lab retreat of the Scott Hensley lab and the Jesse Bloom lab in July 2017</i>		
Trustees of the University of Pennsylvania		PC
Dr. De'Broski R. Herbert, Ph.D. Philadelphia, PA	3/15/2017	10,000.00 40723
<i>Support for the 21st annual Woods Hole Immunoparasitology (WHIP) meeting April 2-5, 2017 in Cape Cod, Massachusetts</i>		
Trustees of the University of Pennsylvania		PC
Dr. Michael Atchison Philadelphia, PA	6/15/2017	45,000.00 41237
<i>Support for BWF/HHMI partnership veterinary student training program fellow Anna Rowland Martin</i>		
(A) Interfaces in Science		
Case Western Reserve University		PC
Horst A. von Recum, Ph.D. Nord Hall, Room 615 10900 Euclid Avenue Cleveland, OH 44106	8/15/2017	2,500.00 41525
<i>Support for Gordon Research Conference on Biomaterials and Tissue Engineering. July 23-28, 2017</i>		
Washington University		PC
ShiNung Chung, Ph.D. Saint Louis, MO	3/15/2017	5,000.00 40733

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<i>Support for the "Workshop on Brain Dynamics and Neurocontrol" to be held June 25-26, 2017</i>		
University of Utah	15,000.00	GOV
Dr. Frederick R. Adler Salt Lake City, UT	39818 9/15/2016	
<i>Support for the 2017 Society for Mathematical Biology meeting in Salt Lake City</i>		
Cold Spring Harbor Laboratory	15,000.00	PC
Dr. Brent R. Stockwell, Ph.D. Cold Spring Harbor, NY	40325 12/15/2016	
<i>Support for the "Ferroptosis. A Critical Review" meeting to be held by the Banbury Center at Cold Spring Harbor Laboratory April 2-5, 2017</i>		
Marine Biological Laboratory (MBL)	30,000.00	PC
Ms. Mary Loftus Woods Hole, MA	39802 9/15/2016	
<i>Support of the 2016 Physiology Course Alumni Fund and 2016 Course Director's Discretionary Fund</i>		
Marine Biological Laboratory (MBL)	130,000.00	PC
Ms. Mary Loftus Woods Hole, MA	40421 1/16/2017	
<i>Support for the course Physiology: Modern Cell Biology Using Microscopic, Biochemical and Computational Approaches over three years (2017-2019)</i>		
Carnegie Mellon University	15,000.00	PC
Dr. Robert E. Kass, Ph.D. Pittsburgh, PA	39966 10/14/2016	
<i>Support for the 8th International Workshop on Statistical Analysis of Neural Data to be held in Pittsburgh on May 31 through June 2, 2017</i>		
Biophysical Society	25,000.00	PC
Rosalba Kampman Bethesda, MD	40582 2/15/2017	
<i>Support for the 2017 Annual Meeting of the Biophysical Society to be held in New Orleans, Louisiana February 11-15, 2017</i>		

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(A) Interfaces in Science		
University of North Carolina-Chapel Hill		GOV
Dr. Jack O'Daly Chapel Hill, NC	5,000.00 40598 2/15/2017	
<i>University of North Carolina/North Carolina State University Joint Department of Biomedical Engineering for general operational purposes</i>		
Regents of the University of California		PC
Markita Patricia Landry, Ph.D. CA	5,000.00 40136 11/15/2016	
<i>Support for the first USA-Cuba workshop on nanomedicine and drug delivery systems (NanoMEDD) to be held in December 2016 in Havana, Cuba at the Palacio de las Convenciones and the University of Havana</i>		
Georgia Tech Research Corporation		PC
Dr. Daniel I. Goldman, Ph.D. Atlanta, GA	2,000.00 40909 4/13/2017	
<i>Support for Robophysics Meets Robotics Session at the 2017 APS March Meeting</i>		
Georgia Tech Research Corporation		SO III FI
Dr. Joshua S. Wetz, Ph.D. Atlanta, GA	2,000.00 40910 4/13/2017	
<i>Support for Georgia Tech Hands-on Quantitative Biosciences Modeling Workshop</i>		
Computational and Systems Neuroscience (Cosyne)		PC
Dr. Anne Churchland <i>Support for the 2016 Computational and Systems Neuroscience Annual Meeting (Cosyne 2016)</i>	25,000.00 40730 3/15/2017	
Computational and Systems Neuroscience (Cosyne)		PC
Dr. Anne Churchland <i>Support for the 2017 Computational and Systems Neuroscience Annual Meeting (Cosyne 2017)</i>	25,000.00 40731 3/15/2017	

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(A) Interfaces in Science Society for Biomaterials		PC
Mr. Dan Lemvre Mt. Laurel, NJ 08084	15,000.00 40905 4/13/2017	
<i>Support for Society for Biomaterials 2017 Annual Meeting</i>		
New York Stem Cell Foundation		PC
Ms. Kristin Smith 619 West 54th Street, 3rd Floor New York, NY 10019	14,476.00 41069 5/15/2017	
<i>Support for a summer intern in New York Stem Cell Foundation's Laboratory in the summer of 2017</i>		
Agean Conferences, Inc.		PC
Dr. John D. Lambris 630 Pine Street Philadelphia, PA 19106	10,000.00 40319 12/15/2016	
<i>Support for the 12th International Conference on Pathways, Networks and Systems Medicine to be held by Aegean Conferences in Heraklion, Crete, Greece June 29-July 4, 2017</i>		
Trustees of the University of Pennsylvania		PC
Matthew C Good, Ph.D. Philadelphia, PA	10,000.00 39965 10/14/2016	
<i>Support for the inaugural "Bottom-Up Cell Biology" special interest subgroup at the American Society for Cell Biology 2016 annual meeting</i>		
International Society for Cellular Therapy		PC
Brian Poole Suite 301 - 750 West Pender Street Vancouver, BC V6C2T7 Canada	20,000.00 39972 10/14/2016	
<i>Support for the International Society for Cellular Therapy 2017 Annual Meeting in London from May 3-6, 2017</i>		

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(A) Medical Sciences		
University of North Carolina-Chapel Hill Lineberger Comprehensive Cancer Center	2,500.00 40423	GOV
Dr. Al S. Baldwin, Ph.D. Chapel Hill, NC	1/16/2017	
<i>Support for the 41st Annual UNC Lineberger Comprehensive Cancer Center Symposium, Developmental Signal Transduction Pathways in Cancer, May 22-23, 2017</i>		
International Cell Research Organization	12,000.00 40430	PC
Dr. Gerald Schatten, Ph.D. Madison, WI	1/16/2017	
<i>Support for the Frontiers in Stem Cells in Cancer course, Morehouse School of Medicine, Atlanta, Georgia, February 5-11, 2017</i>		
Keystone Symposia	30,000.00 40147	PC
Dr. Irene P. Ricks, Ph.D. Silverthorne, CO	11/15/2016	
<i>Support for 2017 underrepresented early career scientist travel awards and fellows program</i>		
American Physician Scientists Association (APSA)	30,000.00 40314	PC
Ms. Susan Wagner Urbana, IL	12/15/2016	
<i>Support for the APSA annual meeting, Chicago, Illinois, April 21-23, 2017</i>		
University of North Carolina-Chapel Hill	10,000.00 39954	GOV
Dr. Jennifer Brennan, Ph.D. Chapel Hill, NC	10/14/2016	
<i>Support for the sixth annual Oliver Smithies Nobel Symposium, November 8, 2016</i>		
Vanderbilt University Medical Center	5,000.00 40590	PC
Dr. Gautam Bhawe, M.D., Ph.D. Nashville, TN	2/15/2017	
<i>Support for the American Society of Matrix Biology/Vanderbilt workshop on Basement</i>		

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<i>Membranes, Nashville, Tennessee, July 12-14, 2017</i> University of Toronto Faculty of Medicine	15,000.00 39956 10/14/2016	PC
<i>Support for the 2016 annual general meeting of CITAC and CSCI, November 21-23, 2016, Toronto, Ontario, Canada</i>		
Mr. Chris Adamson Canada		
(A) Medical Sciences		
American Foundation for Suicide Prevention	5,000.00 41070 5/15/2017	PC
<i>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.</i>		
Mr. Robert Gebbia New York, NY		
Association for Clinical and Translational Science	20,000.00 40315 12/15/2016	PC
<i>Support for trainee travel to the 2017 Translational Science meeting, Washington, DC, April 18-21, 2017</i>		
Ms. Kathleen McCann Washington, DC		
(A) Regulatory Science		
Georgetown University	8,000.00 40732 3/15/2017	PC
<i>Support for RNA Processing Meeting at the Sanford Consortium for Regenerative Medicine Conference at the University of California-San Diego February 24-26, 2017</i>		
Dr. Jeffrey A. Toretzky, M.D. Lombardi Comprehensive Cancer Center 3300 Whitehaven St., NW, Suite 4000 Washington, DC 20007		
MidSouth Computational Biology and Bioinformatics Society (MCBIOS)	5,000.00 40907 4/13/2017	PC
<i>Support for travel to Massive Analysis and Quality Control Society Meeting at SAS</i>		
Dr. Shraddha Thakkar Environmental Mutagenesis and Genomics Society	5,000.00 39961	PC
<i>Support for travel to Massive Analysis and Quality Control Society Meeting at SAS</i>		
Ms. Becca Isakower		

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12627 San Jose Blvd., Suite 202 Jacksonville, FL 32223 <i>Support for the 47th Annual Meeting of the Environmental Mutagenesis and Genomics Society to be held September 24-28, 2016 in Kansas City, Missouri</i>	10/14/2016	
(A) Regulatory Science		
Council for Entrepreneurial Development		PC
Ms Robin Costello P.O. Box 13353 Research Triangle Park, NC 27709 <i>Support for Headline Sponsorship at the Council for Entrepreneurial Development's 2017 Life Science Conference to be held February 28-March 1, 2017 at the Raleigh Convention Center, Raleigh, North Carolina</i>	25,000.00 40323 12/15/2016	
University of Rochester Medical Center		PC
Ray Dorsey, M.D. Rochester, NY <i>Support for the Technology and Rare Neurological Diseases Symposium hosted by the University of Rochester to be held on May 12, 2017</i>	5,000.00 40895 4/13/2017	
Clemson University		PC
Dr. Guigen Zhang, Ph.D. 401 Rhodes Engineering Research Center Clemson, SC 29634 <i>Support for the 2017 Institute for Biological Interfaces of Engineering Annual Conference to be held at the Marriott Hotel, Salt Lake City, Utah March 29-31, 2017</i>	5,000.00 39959 10/14/2016	
National Academy of Sciences		PC
Dr. Sharyl Nass 500 Fifth Street, NW Washington, DC 20001 <i>Support for the National Academies of Sciences, Engineering and Medicine's consensus study on Ensuring Patient Access to Affordable Drug Therapies</i>	25,000.00 39962 10/14/2016	

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(A) Regulatory Science		
National Academy of Sciences		PC
Ms. Anne B. Claiborne, J.D., M.P.H. 500 Fifth Street, NW Washington, DC 20001 <i>Support for the National Academies' Forum on Drug Discovery, Development, and Translation in 2017</i>	30,000.00 41076 5/15/2017	
National Academy of Sciences		PC
Rose Marie Martinez 500 Fifth Street, NW Washington, DC 20001 <i>Support for Increasing African American Males in the Medical Profession: A Workshop; November 20-21, 2017</i>	15,000.00 41521 8/15/2017	
National Academy of Sciences		PC
Dr. Andrew M. Pope, Ph.D. 500 Fifth Street, NW Washington, DC 20001 <i>Support for the National Academy/Institute of Medicine's Forum on Regenerative Medicine in 2017</i>	30,000.00 40897 4/13/2017	
Health Research Alliance, Inc. (HRA)		PC
Dr. Maryrose E. Franko, Ph.D. Research Triangle Park, NC <i>Health Research Alliance 2017 Annual Dues</i>	10,000.00 40595 2/15/2017	
Arkansas Research Alliance		PC
Bryan Barnhouse 1125 Oak Street, Suite 301 Conway, AR 72032 <i>Support for the 2017 Global Regulatory Summit</i>	25,000.00 40901 4/13/2017	

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(A) <u>Regulatory Science</u>		
Regents of the University of California	2,500.00	PC
Patrick Allard, Ph.D. CA	41240	
<i>Support for Toxics in Everyday Life Workshop on Friday, June 9, 2017</i>		
Society of Toxicology	5,000.00	PC
Dr. Marie C. Fortin 1821 Michael Faraday Drive Suite 300 Reston, VA 20190	39958	
<i>Support for the Toxicoepigenetics meeting to be held November 2-4, 2016 in Tysons, Virginia</i>		
Society of Toxicology	5,000.00	PC
Clarissa Russell 1821 Michael Faraday Drive Suite 300 Reston, VA 20190	40327	
<i>Support for the Society of Toxicology 56th Annual Meeting in Baltimore, Maryland, March 12-16, 2017</i>		
International Society for Stem Cell Research	15,000.00	PC
Mr. Josh Coe Department 20-8060 P.O. Box 5998 Carol Stream, IL 60197-5998	40322	
<i>Support for the plenary session, Frontiers of Cell Therapy at the International Society for Stem Cell Research 2017 Annual Meeting to be held in Boston, 14-17 June 2017</i>		
(A) <u>Regulatory Science</u>		
Termis-Americas	15,000.00	PC

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Porter Rice 223 Park Place San Ramon, CA 94583 <i>Support for TERMIS-AM 2017 Annual Conference</i>	41530 8/15/2017	
(A) Reproductive Science American Society for Reproductive Immunology Dr. Irina Burd, M.D., Ph.D. Vernon Hills, IL <i>Support for the 36th annual American Society for Reproductive Immunology meeting, Baltimore, Maryland, November 12-16, 2016</i>	1,000.00 39957 10/14/2016	PC
Society for Reproductive Investigation Ms. Anne N. Krolkowski Milwaukee, WI <i>Support for the 64th annual scientific meeting of SRI, Orlando, Florida, March 15-18, 2017</i>	10,000.00 40429 1/16/2017	PC
Marine Biological Laboratory (MBL) Dr. Mario Ascoli, Ph.D. Woods Hole, MA <i>Support for the 2016-2018 sessions of the Frontiers in Reproduction course</i>	191,000.00 41356 7/14/2017	PC
Marine Biological Laboratory (MBL) Dr. Mario Ascoli, Ph.D. Woods Hole, MA <i>Support for the 2017 FIR symposium, April 29 - June 11, 2017</i>	35,000.00 41077 5/15/2017	PC
American Society of Andrology Dr. Vassilios Papadopoulos, Pharm.D., Ph.D. Schaumburg, IL <i>Support for travel awards to junior investigators to the North American Testis Workshop and ASA meeting, Miami, Florida, April 19-25, 2017</i>	5,000.00 40312 12/15/2016	PC
Society for the Study of Reproduction Dr. Judith Jansen	20,000.00 40719	PC

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NAME/ADDRESS/PURPOSE	Amount Check #	Paid Date	Foundation Status of Recipient
<i>Support for travel fellowships and diversity committee activities at the annual meeting, July 13 - 16, 2017, Washington, DC</i>		3/15/2017	
Washington University	35,000.00		PC
Dr. Kelle H. Moley, M.D. Saint Louis, MO	40717	3/15/2017	
<i>Support for a lab management course for the Reproductive Scientist Development Program, May 12-13, 2017</i>			
Washington University	25,000.00		PC
Dr. Kelle H. Moley, M.D. Saint Louis, MO	40426	1/16/2017	
<i>Support for the 2016-2017 SEED grant program for phase II RSDP scholars</i>			
(A) Science Education			
East Forsyth High School	1,000.00		GOV
Mrs. Julie Shouse Riggins Kernersville, NC	41064	5/15/2017	
<i>Support for professional development activities</i>			
Cabarrus County Schools	6,500.00		GOV
Ms. Megan Williams McNutt Concord, NC	40422	1/16/2017	
<i>Space Science Experiment Program</i>			
North Buncombe High School	1,000.00		GOV
Mrs. Lorie C McFee Weaverville, NC	41067	5/15/2017	
<i>Support for professional development</i>			
Polk County Schools	1,000.00		GOV
Mrs. Jennifer C. Allsbrook Columbus, NC	41063	5/15/2017	
<i>Support for professional development activities</i>			
North Carolina Science Fair Foundation	8,000.00		GOV

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2017
PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18
GRANTS PAID DURING THE YEAR

NAME/ADDRESS/PURPOSE	Amount Check # Paid Date	Foundation Status of Recipient
Mr. Manley W. Midgett Raleigh, NC	40589 2/15/2017	
<i>Support for the North Carolina Science and Engineering Fair for 2017</i>		
Western Piedmont Council of Governments		PC
Dr. Carol Lefler Moore Hickory, NC	4,000.00 40145 11/15/2016	
<i>Support for the Betabox Expo</i>		
Western Piedmont Council of Governments		PC
Ms. Carol Lefler Moore Hickory, NC	5,880.00 40326 12/15/2016	
<i>Support for STEM West networking for 2017</i>		
University of North Carolina-Chapel Hill		GOV
Dr. Rita O'Sullivan Chapel Hill, NC	17,500.00 40583 2/15/2017	
<i>Support for the CASMT evaluation</i>		
(A) Science Education		
University of North Carolina-Chapel Hill		GOV
Dr. Rita O'Sullivan Chapel Hill, NC	8,750.00 41058 5/15/2017	
<i>Support for the CASMT evaluation</i>		
University of North Carolina-Chapel Hill		GOV
Dr. Rita O'Sullivan Chapel Hill, NC	8,750.00 41514 8/15/2017	
<i>Support for the CASMT evaluation</i>		
University of North Carolina-Chapel Hill		GOV
Dr. Josh Hall, Ph.D.	3,000.00 40902	

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2017
PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18
GRANTS PAID DURING THE YEAR

NAME/ADDRESS/PURPOSE	Amount Check #	Paid Date	Foundation Status of Recipient
Chapel Hill, NC		4/13/2017	
<i>Support for North Carolina DNA Day 2017</i>			
North Carolina School of Science and Mathematics Foundation	10,000.00		PC
Ms. Amy L. Sheck, Ph.D. Durham, NC	40324	12/15/2016	
<i>North Carolina Student Academy of Science Delegation to the AAAS/AJAS Annual Meeting</i>			
North Carolina Society of Hispanic Professionals	33,000.00		PC
Ms. Neyra Toledo Chapel Hill, NC	41074	5/15/2017	
<i>Promotion of Participation / Enrollment of Hispanic Students in STEM Programs in NC</i>			
National Association of Academies of Science	3,500.00		PC
Mr. Ed M. Brogie Annandale, VA	40149	11/15/2016	
<i>Support for the American Junior Academy of Science to host pre-college STEM leaders at the annual AAAS meeting</i>			
(A) Science Education			
Shaw University	25,000.00		PC
Dr. Jared Daugherty Raleigh, NC	40722	3/15/2017	
<i>Support for the Dr Kim Leathers Legacy Endowment</i>			
North Carolina Department of Public Instruction	25,000.00		GOV
Dr. Yvette Stewart Raleigh, NC	39797	9/15/2016	
<i>Support for the 2016-2018 Teacher of the Year Program</i>			
American Association for the Advancement of Science	20,000.00		PC
Dr. Rebekah Jean Corlew, Ph.D.	40134		

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2017
PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18
GRANTS PAID DURING THE YEAR

NAME/ADDRESS/PURPOSE	Amount Check # Paid Date	Foundation Status of Recipient
Washington, DC	11/15/2016	
<i>Support for the AAAS Mass Media Science & Engineering Fellowship Program</i>		
TC Roberson High School	1,000.00	GOV
Ms. Cynthia Lynn Hallman-Morris <i>Support for professional development</i>	41066 5/15/2017	
Bethany Community Middle School	1,000.00	GOV
Mrs. Cynthia C Bullard 181 Bethany Road Reidsville, NC 27320 <i>Support for professional development activities</i>	41065 5/15/2017	
University of San Diego	30,000.00	GOV
Ms. Teresa Drew <i>Full installment of a grant to support the STEM Learning Ecosystem Initiative</i>	40726 3/15/2017	
(A) Science Education		
Lowe's Grove Magnet Middle School	3,000.00	GOV
Dr. Tekeisha Mitchell Durham, NC <i>Support for activities for the 2017-18 school year, in recognition of Senator Howard Lee's selection for the 2017 Jay Robinson Leadership Award</i>	41529 8/15/2017	
Go Global NC	13,000.00	PC
Ms. Beth Walden <i>Regional TOYs Global Teachers to Germany 2017</i>	40903 4/13/2017	
North Carolina State University	15,000.00	GOV
Dr. Robert R Dunn Raleigh, NC <i>A Field Guide to Your Kitchen</i>	40899 4/13/2017	
North Carolina Science Teachers Association	25,000.00	PC

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2017
PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18
GRANTS PAID DURING THE YEAR

NAME/ADDRESS/PURPOSE	Amount Check # Paid Date	Foundation Status of Recipient
Mr. Manley W. Midgett NC <i>Support for workshops on Science and Literacy at the National Science Teacher's Association Professional Learning Institute on October 19-20</i>	41424 7/14/2017	
<u>(A) Science Policy</u> National Academies Dr. Martin Chalfie, Ph.D. Washington, DC	10,000.00 40900 4/13/2017	PC
<i>Support for the symposium "Addressing the Challenges Faced By Refugees and Internationally Displaced Persons: the Role of the International Scientific Community"</i> Research!America Ms. Mary Woolley Alexandria, VA	50,000.00 41422 7/14/2017	PC
<i>Support for the Research!America Internship Program</i>		
<u>(A) Science Policy</u> National Academy of Sciences Thomas Rudin 500 Fifth Street, NW Washington, DC 20001 <i>Support for the study on sexual harrassment in the science, engineering, and medical workplace</i>	35,000.00 40596 2/15/2017	PC
American Institute of Biological Sciences Dr. Robert Gropp, Ph.D. McLean, VA <i>Support for "Engaging Policymaking Opportunities for Biology Organizations"</i>	1,500.00 41522 8/15/2017	PC
<u>(A) Science, Math, and Technology Science Champion</u> North Carolina Public Television Foundation Mr. Thomas Schenck Research Triangle Park, NC	11,700.00 40588 2/15/2017	PC

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2017
PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18
GRANTS PAID DURING THE YEAR

NAME/ADDRESS/PURPOSE	Amount Check # Paid Date	Foundation Status of Recipient
<i>UNC-TV · SciTech Now - North Carolina Underwriting Partnership</i>		
North Carolina School of Science and Mathematics Foundation		PC
Ms. Katie T. Wagstaff Durham, NC	25,000.00 41534 8/15/2017	
<i>Support for the STEM Hall of Fame Gala on September 22, 2017</i>		
Public School Forum of North Carolina		PC
Mr. Keith Poston Raleigh, NC	20,000.00 40734 3/15/2017	
<i>North Carolina International Science Challenge</i>		
North Carolina Science Leadership Association		PC
Dr. Pat Mills Shane, Ph.D. NC	20,000.00 40308 12/15/2016	
<i>Support for the NCSLA Science Leadership Fellows Program for 2016 and 2017</i>		
(A) Science, Math, and Technology Science Champion		
University of North Carolina-Chapel Hill		GOV
Mr. Jonathan Michael Frederick Chapel Hill, NC	13,000.00 41423 7/14/2017	
<i>Support for curation of the NC STEM Calendar</i>		
Johnston County Schools		GOV
Dr. Cherry Johnson Smithfield, NC	5,000.00 41535 8/15/2017	
<i>Support for the Burroughs Wellcome-Johnston STEM Partnership Convocation</i>		
North Carolina Association for Biomedical Research		PC
Ms. Suzanne Wood Wilkison Raleigh, NC	5,000.00 41075 5/15/2017	
<i>Bridging the Gap. Uniting North Carolina K-16 STEM Education</i>		

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2017
PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18
GRANTS PAID DURING THE YEAR

NAME/ADDRESS/PURPOSE	Amount Check # Paid Date	Foundation Status of Recipient
North Carolina Chamber Foundation	5,000.00	PC
Mrs. Beth W. Shore Raleigh, NC	41526	
<i>Support for the Conference on Education - Reversing North Carolina's Skills Gap via a Strong Education Continuum</i>		
North Carolina Alliance for School Leadership Development	125,000.00	PC
Dr. Jack J. Hoke Raleigh, NC	39947	
<i>Support for the Science Materials and Professional Development Center</i>		
North Carolina Alliance for School Leadership Development	125,000.00	PC
Dr. Jack J. Hoke Raleigh, NC	40889	
<i>Support for the Science Materials and Professional Development Center</i>		
(A) Science, Math, and Technology Science Champion		
North Carolina Alliance for School Leadership Development	250,000.00	PC
Dr. Jack J. Hoke Raleigh, NC	41232	
<i>Support for the Science Materials and Professional Development Center</i>		
North Carolina Alliance for School Leadership Development	25,000.00	PC
Dr. Jack J. Hoke Raleigh, NC	39967	
<i>Support for the Aspiring Superintendent Program</i>		
North Carolina Alliance for School Leadership Development	25,000.00	PC
Dr. Jack J. Hoke Raleigh, NC	39968	
<i>North Carolina Emerging Trends Network and Future Focused Schools</i>		

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2017
PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18
GRANTS PAID DURING THE YEAR

NAME/ADDRESS/PURPOSE	Amount Check #	Paid Date	Foundation Status of Recipient
North Carolina Alliance for School Leadership Development	10,000.00		PC
Dr. Jack J. Hoke Raleigh, NC	40911	4/13/2017	
<i>Digital Leadership Institute for Superintendents - Cohort II</i>			
Professional Engineers of North Carolina Education Foundation	8,000.00		PC
Mr. Gary Ray Taylor Raleigh, NC	40587	2/15/2017	
<i>Support for the Future City Competition North Carolina Region</i>			
<u>(A) Special Award</u>			
Beloit College	10,000.00		PC
Dr. Beth Monteiro, J.D. Beloit, WI	41528	8/15/2017	
<i>Support for the Beloit College Biomedical Research Scholars Program, directed by BWF Board Member, John Burris, Ph.D.</i>			
<u>(A) Special Award</u>			
Illinois Institute of Technology	10,000.00		PC
Dr. Russell Betts, Ph.D. Chicago, IL	40318	12/15/2016	
<i>Support for undergraduate research internships for underrepresented minority students in the College of Sciences, directed by BWF Board Member, George Langford, Ph.D.</i>			
Marine Biological Laboratory (MBL)	10,000.00		PC
Dr. Rae Nishi Woods Hole, MA	40317	12/15/2016	
<i>Support for summer undergraduate research programs for underrepresented minorities, directed by BWF Board Member, George Langford, Ph.D.</i>			
Triangle Community Foundation	10,000.00		PC
Ms. Lori O'Keefe Durham, NC	40597	2/15/2017	

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2017
PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18
GRANTS PAID DURING THE YEAR

NAME/ADDRESS/PURPOSE	Amount Check # Paid Date	Foundation Status of Recipient
<i>Support for the Triangle Community Foundation's Collaboration Hub</i>		
HHT Foundation International		PC
Ms. Marianne Clancy	5,000.00	
Monkton, MD	40148	
<i>Support for the Young Scholar Program at the national HHT Patient and Family Conference</i>	11/15/2016	
HHT Foundation International		PC
Ms. Marianne Clancy	5,250.00	
Monkton, MD	41239	
<i>Support for travel awards to the HHT International Scientific Conference in Dubrovnik, Croatia, June 8-11, 2017</i>	6/15/2017	
(A) Special Award		
Baptist Health South Florida Foundation		PC
Ms. Megan Cottle	20,000.00	
Coral Gables, FL	40316	
<i>Support for the Miami Cancer Institute molecular research through the Center for Genomics for high-risk, high-gain research initiatives</i>	12/15/2016	
TOTAL	\$3,752,266	

BURROUGHS WILL COME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2017
PART XV SUPPLEMENTAL INFORMATION - LINE 3B SCHEDULE #19
GRANTS APPROVED FOR FUTURE PAYMENT

NAME	PRIMARY CONTACTS	CITY, STATE
University of Texas-Austin	Dr. Adrienne Marie Rosales, Ph.D.	Austin, Texas
Stanford University School of Medicine	Alistair Nicol Boettiger, Ph.D.	Stanford, CA
Stanford University	Lacramioara Bini, Ph.D.	San Francisco, CA
Boston University	Allison E. Sgro, Ph.D.	Boston, MA
University of California-San Francisco	Amy M. Weeks, Ph.D.	San Francisco, CA
University of California-Berkeley	Amy Elizabeth Szyer, Ph.D.	Berkeley, CA
California Institute of Technology	Octavio Mondragon-Palominu, Ph.D.	Pasadena, CA
Columbia University	Ashok Litvin-Kumar, Ph.D.	New York, NY
Stanford University	Felix JH Hol, Ph.D.	San Francisco, CA
Rockefeller University	Felipe Garcia Quiroz, Ph.D.	New York, NY
University of Washington	Scott E. Boyken, Ph.D.	Seattle, WA
University of Wisconsin-Madison	Tatiana V. Mishanina, Ph.D.	Madison, WI
Johns Hopkins University	Amy Wesolowski, Ph.D.	Baltimore, MD
Boston University	Allison E. Sgro, Ph.D.	Boston, MA
To Be Named North American Degree Granting	Scott E. Boyken, Ph.D.	TBD
University of Maryland-College Park	Gregg A. Ducren, Ph.D.	College Park, MD
To Be Named North American Degree Granting	Felipe Garcia Quiroz, Ph.D.	TBD
University of Washington	Kelley Harris, Ph.D.	Seattle, WA
University of Washington	Kelley Harris, Ph.D.	Seattle, WA
University of Maryland-College Park	Gregg A. Ducren, Ph.D.	College Park, MD
Harvard Medical School	Pei-Ru Loh, Ph.D.	Boston, MA
To Be Named North American Degree Granting	Priya Moorjani, Ph.D.	TBD
To Be Named North American Degree Granting	Felix JH Hol, Ph.D.	TBD
To Be Named North American Degree Granting	Ashok Litvin-Kumar, Ph.D.	TBD
To Be Named North American Degree Granting	Tatiana V. Mishanina, Ph.D.	TBD
To Be Named North American Degree Granting	Octavio Mondragon-Palominu, Ph.D.	TBD
To Be Named North American Degree Granting	Amy Elizabeth Szyer, Ph.D.	TBD
To Be Named North American Degree Granting	Amy M. Weeks, Ph.D.	TBD
New Haven County Schools	Mrs. Elizabeth Frances Foreman	Wilmington, NC
Johnston County Schools	Mrs. Lauren McLeod Strickland	Smithfield, NC
Duplin County Schools	Mr. Kirk Kennedy	Kearsville, NC
Winston-Salem Forsyth County Schools	Mr. Brad Thomas Riew	Winston-Salem, NC
Alamance-Burlington County System	Mrs. Melanie B. Rickard	Burlington, NC
University of California-San Diego	Dr. Dhikshin Raminathan, M.D., Ph.D.	La Jolla, CA
University of Pennsylvania	Dr. Vijay Giridhar Bhoj, M.D., Ph.D.	Philadelphia, PA
University of Pennsylvania	Dr. Kara Noelle Maxwell, M.D., Ph.D.	Philadelphia, PA
University of Washington	Dr. Anoop Patel, M.D.	Seattle, WA
University of Texas Southwestern Medical Center	Dr. Tania Alsham Harris-Trope, M.D.	Dallas, TX
Harvard Medical School	Dr. Kent William Mouw, M.D., Ph.D.	Boston, MA
University of California-Los Angeles	Dr. Temer Sallem, M.D., Ph.D.	Los Angeles, CA
University of Pittsburgh	Dr. Anna Katherine McElroy, M.D.	Pittsburgh, PA
St. Jude Children's Research Hospital	Dr. Eileen Myers Sumpter, Jr., M.D.	Memphis, TN
Stanford University School of Medicine	Dr. Sidhartha Janwar, M.D., Ph.D.	Stanford, CA
To Be Named North American Degree Granting	Dr. Vijay Giridhar Bhoj, M.D., Ph.D.	TBD
To Be Named North American Degree Granting	Dr. Whitney Elizabeth Harrington,	TBD
Baylor College of Medicine	Dr. Lindsey Catherine Burgett, M.D.	Houston, TX
Columbia University	Dr. Alejandro Chavez, M.D., Ph.D.	New York, NY
To Be Named North American Degree Granting	Dr. Zuzana Tolvova, M.D., Ph.D.	TBD
To Be Named North American Degree Granting	Dr. Craig Brian Wilen, M.D., Ph.D.	TBD
University of California-San Diego	Dr. Aaron Foster Carlin, M.D., Ph.D.	La Jolla, CA
To Be Named North American Degree Granting	Dr. Kara Noelle Maxwell, M.D., Ph.D.	TBD
Duke University	Mrs. Grace Renee Anderson	Durham, NC
Duke University	Mr. David Rafael Martinez	Durham, NC
Duke University	Mrs. Manuella Rosette Clark-Cotton	Durham, NC
Middle College at the University of North Carolina	Mr. Joseph Njoroge Mwangi	Greensboro, NC
Duke University	Mrs. Christine Vazquez	Durham, NC
East Carolina University	Florence T. Bourgeois, MD, MPH	Greenville, NC
Harvard Medical School	Michael Roseblum, Ph.D.	Boston, MA
Johns Hopkins Bloomberg School of Public Health	Melanie Mosedale, Ph.D.	Baltimore, MD
University of North Carolina-Chapel Hill	Leslie Wilson, Ph.D.	Chapel Hill, NC
University of California-San Francisco	John W. Ayers, Ph.D.	San Francisco, CA
San Diego State University	Dr. Manuela Raffaeli, M.D.	La Jolla, CA
University of California-San Diego	Dr. Michael A. Fischbach, Ph.D.	San Francisco, CA
Stanford University	Marva Whaley, Ph.D.	Atlanta, GA
Georgia Institute of Technology	Dr. Xuecong Luo, Ph.D.	Atlanta, GA
University of Georgia	Dr. Julie Margaret Blander, Ph.D.	New York, NY
Well Medical College of Cornell University	Dr. Hans H. Wang, Ph.D.	New York, NY
Columbia University	Dr. June L. Roud, Ph.D.	Salt Lake City, UT
University of Utah	Dr. Christina L. Stahlings, Ph.D.	St. Louis, MO
Washington University	Dr. Mohammad R. Seyedsayamdost,	Piscataway, NJ
Princeton University	Dr. Stacy M. Horner, Ph.D.	Durham, NC
Duke University Medical Center	Dr. Marion Pepper, Ph.D.	Seattle, WA
University of Washington	Elizabeth A. Gries, Ph.D.	Philadelphia, PA
University of Pennsylvania	Dr. Andrew Mehle, Ph.D.	TBD

PROJECT TITLE	STATUS OF RECIPIENT	BALANCE
Dynamic viscoelastic hydrogels to study mechanisms of fibrosis	GOV	\$70,000
Direct imaging of the nanoscale structural organization of chromatin as shaped by developmental signals	PC	\$140,000
Dynamics of epigenetic regulation at the single-cell level	PC	\$35,000
Greater as a whole: bridging intracellular signaling and population behaviors in collective systems	PC	\$35,000
Unraveling the protease web: Chemical and enzymatic probes for dissection of proteolytic signaling in immune cells	GOV	\$105,000
Investigating mechano-chemical mechanisms of mesenchymal morphogenesis in skin and bone	GOV	\$105,000
In situ dissection of bacteria-bacteria interactions on the mucosa of the mammalian gut	PC	\$105,000
Modeling distributed olfactory learning in rodents and insects	PC	\$105,000
Eco-evolutionary dynamics of mosquito-borne viruses	PC	\$140,000
Repetitive elements of life from genomes to proteins and material systems	GOV	\$105,000
Programmable protein interaction specificity to engineer and interrogate cellular signaling	GOV	\$105,000
Visual-kinetic studies of pulsing by bacterial RNA polymerase using time-resolved cryo-EM	GOV	\$70,000
Impact of human travel on infectious disease dynamics	PC	\$24,597
Greater as a whole: bridging intracellular signaling and population behaviors in collective systems	PC	\$360,000
Programmable protein interface specificity to engineer and interrogate cellular signaling	GOV	\$360,000
Microscale array surface liquid interactions and their role in obstructive lung diseases	GOV	\$360,000
Decoding the evolutionary history of DNA replication fidelity from whole genome sequences	GOV	\$360,000
Decoding the evolutionary history of DNA replication fidelity from whole genome sequences	GOV	\$140,000
Microscale array surface liquid interactions and their role in obstructive lung diseases	PC	\$300,000
Toward an early-warning system for leukemia: Characterizing mosaic copy number abnormalities	PC	\$360,000
Toward an early-warning system for leukemia: Characterizing mosaic copy number abnormalities	PC	\$360,000
Learning about the rate and chronology of human evolution	PC	\$360,000
Eco-evolutionary dynamics of mosquito-borne viruses	PC	\$360,000
Modeling distributed olfactory learning in rodents and insects	PC	\$360,000
Visual-kinetic studies of pulsing by bacterial RNA polymerase using time-resolved cryo-EM	PC	\$360,000
In situ dissection of bacteria-bacteria interactions on the mucosa of the mammalian gut	PC	\$360,000
Investigating mechano-chemical mechanisms of mesenchymal morphogenesis in skin and bone	PC	\$360,000
Unraveling the protease web: Chemical and enzymatic probes for dissection of proteolytic signaling in immune cells	PC	\$360,000
Career Award for Science and Mathematics Teachers: Elizabeth Foreman	GOV	\$145,000
Improving Teaching & Learning through Professional Learning Labs	GOV	\$145,000
Biology Education through CASMT	GOV	\$145,000
Mind Gardens: Cultivating Literacy and Leadership through Science Inquiry	GOV	\$145,000
Learning, Doing, Transforming, Leading: Becoming a STEM School	GOV	\$600,000
Role of spindle oscillations in modulating neural plasticity and procedural memory consolidation	GOV	\$95,000
Development of CAR T-cell immunotherapy for prevention and eradication of FVIII inhibitors in Hemophilia A	GOV	\$95,000
A genotype-phenotype study of tumors from patients with inherited mutations in DNA repair genes	GOV	\$700,000
Deep interproteome modeling of intratumoral heterogeneity, plasticity, and tumor evolution in glioblastoma	GOV	\$700,000
The Function of Restitutio Lake Molecule alpha (RELMApha) in Cutaneous Host Defense	PC	\$700,000
Investigating the effect of ERCC2 mutations on DNA repair capacity and chemo-radiotherapy response in muscle-invasive bladder cancer	PC	\$700,000
Spatial control of nuclear receptor regulatory circuits in cardiovascular disease	GOV	\$700,000
Defining the roles of CD4+ T cells in generating a protective immune response against Rift Valley fever virus	PC	\$490,000
A novel role for PANCC in selective autophagy	PC	\$510,000
Elaborating the causal link between clonal hematopoiesis and atherosclerosis	PC	\$700,000
Development of CAR T-cell immunotherapy for prevention and eradication of FVIII inhibitors in Hemophilia A	PC	\$605,000
Defining the role of maternal cells in fetal and adult immunity to malaria	PC	\$700,000
Impaired glycolysis metabolism and chronic liver disease in urea cycle disorders	PC	\$700,000
Novel technologies and their application to neurodegenerative diseases	PC	\$700,000
Elucidating the mechanisms of cohesopathy in myelodysplastic syndromes	PC	\$700,000
Role of virus-receptor interactions in determining norovirus tropism and pathogenesis	PC	\$700,000
Deciphering human innate immune responses to Zika virus infection	PC	\$700,000
A genotype-phenotype study of tumors from patients with inherited mutations in DNA repair genes	GOV	\$700,000
Exploiting collateral sensitivity to target kinase inhibitor-resistant lung cancers	PC	\$605,000
Identifying placental factors that modulate maternal IgG transplacental transfer	PC	\$5,000
Mechanisms of cell fusion during mating in Saccharomyces cerevisiae	PC	\$5,000
Using ion mobility mass spectrometry to identify multiple ionomic RNA disease biomarkers	PC	\$5,000
Defining how a tyrosine within the hepatitis C virus protease regulates antiviral innate immunity	PC	\$5,000
Identifying the Role of Prohibitin in Preserving Organ Function During Sepsis	GOV	\$5,000
Pediatric regulatory policy: advancing timely and rigorous evaluation of medicines for children	PC	\$500,000
Statistical methods and automated software tool for stress-testing adaptive clinical trial designs	PC	\$500,000
Development of an in vitro platform for the evaluation of genetic susceptibility factors associated with adverse drug response	GOV	\$500,000
Advancing new methodologies to measure patient preference for regulatory approval of devices	GOV	\$500,000
Characterizing citizen participation in e-rulemaking by harnessing social media	PC	\$500,000
Characterization of novel populations of neutrophils during bacterial infection	GOV	\$250,000
Novel microbiota-derived molecules that modulate the host immune response	PC	\$200,000
Mechanistic insight into host modulation of bacterial group activities	PC	\$125,000
Fungal communication and pathogenesis	GOV	\$150,000
Immune recognition of viral PAMPs: a new class of pathogen associated molecular patterns that signifies microbial virulence	PC	\$49,940
Mapping host-microbe and inter-microbial networks at ultra-high spatial resolution	PC	\$425,000
Influence of the microbiota on neuro-inflammation	GOV	\$450,000
Consequences of neutrophil-mycobacteria interactions	PC	\$450,000
Deciphering the small molecule vocabulary of human microbiome Streptococci	PC	\$450,000
Regulation of antiviral host response by RNA modifications	PC	\$450,000
The development and function of Plasmidome-specific memory B cells	GOV	\$450,000
Skin microbiome functions in colonization resistance to pathogens	GOV	\$450,000
Defining the functional landscape between intracellular pathogens and the host	GOV	\$450,000

BURROUGHS WELLCOME FUND 980-PF FOR FISCAL YEAR ENDED 8/31/2017
PART XV SUPPLEMENTAL INFORMATION - LINE 3B SCHEDULE #19
GRANTS APPROVED FOR FUTURE PAYMENT

<u>Name</u>	<u>Primary Contact</u>	<u>CITY/STATE</u>	<u>Project Title</u>	<u>Foundation Status/Recomend</u>	<u>Balance</u>
Harvard T H Chan School of Public Health	Dr Caroline Buckee, Ph D	Boston, MA	The impact of human red blood cell heterogeneities and dynamics on malaria parasite virulence	PC	\$450,000
Stanford University	Dr Catherine A Bluth, M D , Ph D	San Francisco, CA	Training neural killer cells to fight HIV	PC	\$450,000
Yale University	Dr Jason M Crawford, Ph D	New Haven, CT	A functional metagenomic screen to systematically identify human-bacteria interactions	PC	\$450,000
University of Michigan-Ann Arbor	Dr Adam S Lauring, M D , Ph D	Ann Arbor, MI	The evolution of pathogen virulence and transmissibility	GOV	\$450,000
Emory University	Dr Derrick Jerome Morton, Ph D	Atlanta, GA	Exploiting Drosophila to examine RNA genome-linked disease	PC	\$60,000
Washington University	Dr Max Valentin Staller, Ph D	Saint Louis, MO	Massively parallel analysis of transcription factor activation domains	PC	\$60,000
University of North Carolina-Chapel Hill	Dr Bryan Anthony Wilson, Ph D	Chapel Hill, NC	The Role of Muscle Ring Finger 1 (MuRF1) in the Regulation of Cardiac Energetics and Mitochondrial Function	GOV	\$60,000
University of California-Berkeley	Dr Ceren Christen Martinez, Ph D	Berkeley, CA	Revealing the underlying patterns and evolutionary pressures directing enhancer sequence divergence	GOV	\$60,000
Baylor College of Medicine	Dr Shamsideen Adeniyi Ojelade, Ph D	Houston, TX	The Role of CD2AP in Alzheimer's Disease	PC	\$60,000
California Institute of Technology	Dr Christopher O'Neil Barnes, Ph D	Pasadena, CA	Structural basis of HIV-1 envelope trimer conformational changes induced by receptors and antibodies	PC	\$60,000
University of Pittsburgh	Dr Tonisha Sobier, M D , Ph D	Pittsburgh, PA	Regulation of GSK3beta degradation and its role in acute lung injury	PC	\$60,000
Massachusetts Institute of Technology	Dr Daniel J Dominguez, Ph D	Cambridge, MA	Systematic analysis of RBP's in controlling drug response in cancer cells	PC	\$60,000
Columbia University	Dr Theodore Nicolle Dugger Griffith,	New York, NY	Neuroepidemiologic Signaling Mechanisms in Peripheral Sensory Neurons	PC	\$60,000
University of Iowa	Dr Antoine Obirelli Hinton, Jr , Ph D	Iowa City, IA	Mechanisms for insulin-dependent regulation of skeletal muscle mitochondria by OPA1	GOV	\$60,000
Massachusetts Institute of Technology	Dr Manuel Alejandro Ortega, Ph D	Cambridge, MA	Structural and functional insights of human gut microbial enzymes involved in xenobiotic metabolism	PC	\$60,000
Yale University	Dr Kellie Ann Jurado, Ph D	New Haven, CT	Type I interferon-mediated neuroimmunoprotection against Zika Virus	PC	\$60,000
Memorial Sloan-Kettering Cancer Center	Dr Melody Smith, M D	New York, NY	CD19 targeted donor T cells improve GVT activity and reduce GVHD	PC	\$60,000
Vanderbilt University Medical Center	Dr Christopher Anthony Lopez, Ph D	Nashville, TN	Clostridium difficile responses to limited zinc during infection	GOV	\$60,000
University of Colorado-Boulder	Dr Brian Alberto Aguado, Ph D	Boulder, CO	Development of a nanotherapy for aortic valve stenosis	GOV	\$60,000
Rockefeller University	Dr Nicholas Coras Gomez, Ph D	New York, NY	Stem Cell reprogramming during oncogenesis and development	PC	\$60,000
Harvard Medical School	Dr Laura M K Dussan, Ph D	Boston, MA	Functional and Structural Characterization of a Melanoblastin Transporter	PC	\$20,000
Duke University	Dr Courtney Rony Goodwin, M D ,	Durham, NC	Phospho-proteomic profiling of metastatic breast cancer	PC	\$14,803
University of Illinois-Urbana-Champaign	Dr Kimlau C Toussaint, Ph D	Urbana, IL	Investigating the mechanobiology of cervical remodeling using a novel combination of optical microscopy and nanopendulation	GOV	\$525,000
Vanderbilt University	Dr John Anthony Capra, Ph D	Nashville, TN	Integrating 'omics and electronic health records to elucidate the genetic architecture of preterm birth	PC	\$525,000
University of Cincinnati	Dr Ge Zhang, M D , Ph D	Cincinnati, OH	Genomic study of gestational length and preterm birth	PC	\$525,000
University of California-San Francisco	Dr Tippi C MacKenzie, M D	San Francisco, CA	A precision medicine approach to detect dybbast and immune activation in preterm birth	GOV	\$525,000
University of Texas-Austin	Dr Jonghwan Kim, Ph D	Austin, TX	Identifying genetic factors controlling normal and abnormal placental development	GOV	\$7,500
University of California-Santa Barbara	Dr Tal Sharf, Ph D	Santa Barbara, CA	Mobile CMOS detector for high-resolution probing of neural circuits	GOV	\$11,000
University of North Carolina-Chapel Hill	Dr Kevin Charles Slep, Ph D	Chapel Hill, NC	Spectraplain Microneedle-Binding Mechanisms	GOV	\$8,000
University of Texas-Austin	Dr Elle Caitlin Roberson, Ph D	Austin, TX	Epithelial Cell Homeostasis in the Adult Female Oviduct	PC	\$180,000
Student U	Mrs Bettina Unstead	TBD	Explore Fearlessly Initiative	GOV	\$180,000
Newton-Conover Middle School	Mrs Jessica Schouweiler	Newton, NC	Makewpace Challenges	GOV	\$180,000
Martin Millennium Academy	Mrs Amy Rae Foss	Tarboro, NC	MMA Finer STEM Academy	GOV	\$135,402
University of North Carolina-Wilmington	Mrs Sue McDonald Kezous, Ph D	Wilmington, NC	I40 E A S T	GOV	\$118,471
Meadowview Middle School	Dr Jill Y Renhardt, Ed D	Mount Airy, NC	Mixing Biomedical and Engineering Science Scholars	GOV	\$178,288
Beaufort County Police Activities League, Inc	Mr Alvin D Powell	Bath, NC	Youth Aerospace, Boating and Robotic Enrichment Program	PC	\$179,925
Scotland County Schools	Mr Amber Star Hutchins	Laurinburg, NC	Passport to STEM	GOV	\$166,458
North Carolina State University	Dr Margaret R Blanchard	Raleigh, NC	Sustaining STEM Career Clubs in Rural North Carolina	GOV	\$179,061
Graham County Schools	Mr Benjamin Davis	Robbinsville, NC	SciGirls	GOV	\$179,200
University of North Carolina-Asheville	Dr Irene Mackinn Rossell	Asheville, NC	Science on the Move Closing the Opportunity Gap for Migrant Youth with Science, Technology, and Multimedia	GOV	\$174,948
West Marion Elementary School	Mrs Ronita Sabine Crawley	Marion, NC	Project Wild Thing	GOV	\$180,000
Wake Forest University Health Sciences	Mrs Joan Schuck	Winston-Salem, NC	American Indian BioMedical Science Academy Health and Biomedical Science Workforce	PC	\$180,000
University of North Carolina-Chapel Hill	Dr Samuel K Lee, Ph D	Chapel Hill, NC	Young Innovators Program an immersive research experiential program at the Eshleman School of Pharmacy	GOV	\$180,000
TOTAL					\$31,915,692

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2017
PART XV SUPPLEMENTAL INFORMATION - LINE 3B SCHEDULE #19
GRANTS APPROVED FOR FUTURE PAYMENT

<u>Name</u>	<u>Primary Contact</u>	<u>City, State</u>	<u>Project Title</u>	<u>Status of Recipient</u>	<u>Balance</u>
Tides Foundation	Ms Kriss Deiglmeyer	San Francisco, CA	Support for the Gardner National Program lecture series	PC	\$50,000
Marine Biological Laboratory (MBL)	Ms Stacy Schwenke	Woods Hole, MA	Support for the 2017-2019 Embryology course Concepts & Techniques in Modern Developmental Biology	PC	\$180,000
American Society of Tropical Medicine and Hygiene	Ms Karen Gorsleski	Oakbrook Terrace, IL	Support for the Burroughs Wellcome Fund/American Society of Tropical Medicine and Hygiene fellowships for three years 2017-2020	PC	\$804,000
Marine Biological Laboratory (MBL)	Ms Mary Loftus	Woods Hole, MA	Support for the course Physiology Modern Cell Biology Using Microscopic, Biochemical and Computational Approaches over three years (2017-2019)	PC	\$260,000
Duke University	Charles Nunn, Ph D	Durham, NC	Support for Triangle Center for Evolutionary Medicine (TrCEM) Showcase Event, September 9, 2017	PC	\$2,500
Friends of the North Carolina State Museum of Natural	Ms Leah Wu Fell	Raleigh, NC	Support for livestreaming and discussion guides for RACE speaker series	PC	\$4,000
Wilkes County Schools	Mrs Kim Beil	North Wilkesboro, NC	Singapore Math Project - North Wilkesboro Elementary School - Wilkes County School District	GOV	\$70,000
Guilford County Schools	Ms Claudia Isabel Walker	Greensboro, NC	Singapore Math Pilot at Murphey Traditional Academy in Guilford County Schools	GOV	\$50,000
Cumberland County Board of Education	Ms Joni Wiggins	Fayetteville, NC	Cumberland County Schools' Singapore Math Pilot Project at Gallberry Farm Elementary School	GOV	\$50,000
McDowell County Schools	Ms Tiffany Hall	Marion, NC	Building a Strong Math Foundation Through Constructing, Drawing, and Solving, a proposal by Eastfield Global Magnet School, McDowell County Schools	GOV	\$30,000
Region O Council for the Advancement of Minorities	Mr Tony Eugene Carter	Wilmington, NC	Support for a grant to update ROCAME Robotics Platform	PC	\$14,500
Research/America	Ms Mary Woolley	Alexandria, VA	Support for the Research/America Internship Program	PC	\$200,000
North Carolina State University Foundation	Ms Kelly Vogel	Raleigh, NC	Support for the North Carolina Teacher Leadership Symposium	PC	\$1,500
TOTAL					\$1,716,500

Asset Statements

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
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>
62,632.000	MALAYSIAN RINGGIT	CASH	\$14,666
218,951.230	THAILAND BAHT	CASH	\$6,594
15 050	AUSTRALIAN DOLLAR	CASH	\$12
9,036 190	NEW ISRAELI SHEQEL	CASH	\$2,519
26,802.420	POUND STERLING	CASH	\$34,536
22.110	POUND STERLING	CASH	\$28
20,412 850	BRAZILIAN REAL	CASH	\$6,488
1 000	JAPANESE YEN	CASH	\$0
78.980	CANADIAN DOLLAR	CASH	\$63
1.000	CANADIAN DOLLAR	CASH	\$1
14,074.780	EURO CURRENCY	CASH	\$16,734
29 700	SWISS FRANC	CASH	\$31
(57.420)	US DOLLAR	CASH	-\$57
72 750	EURO CURRENCY	CASH	\$86
401,535.750	CZECH KORUNA	CASH	\$18,278
154 380	EURO CURRENCY	CASH	\$184
147,926.180	HONG KONG DOLLAR	CASH	\$18,901
7,652.400	MEXICAN PESO (NEW)	CASH	\$429
95 000	SOUTH KOREAN WON	CASH	\$0
11.190	SINGAPORE DOLLAR	CASH	\$8
0 180	CANADIAN DOLLAR	CASH	\$0
43,432.170	US DOLLAR	CASH	\$43,432
299,008.500	PHILIPPINE PESO	CASH	\$5,843
7,521,072 000	SOUTH KOREAN WON	CASH	\$6,670
19,333.840	SINGAPORE DOLLAR	CASH	\$14,237
13,500 000	JAPANESE YEN	CASH	\$123
8,052.000	CANADIAN DOLLAR	CASH	\$6,422
27,420 150	US DOLLAR	CASH	\$27,420
14,701.030	HONG KONG DOLLAR	CASH	\$1,878
75,655 860	HONG KONG DOLLAR	CASH	\$9,667
111,363.650	POLISH ZLOTY	CASH	\$31,165
15,342.500	SWEDISH KRONA	CASH	\$1,928
38,280.120	HONG KONG DOLLAR	CASH	\$4,891
(51.730)	SWISS FRANC	CASH	-\$54
0.050	STATE STREET ILR TRUST TILXX	CASH EQUIVALENT	\$0
163 930	STATE STREET ILR TRUST TILXX	CASH EQUIVALENT	\$164
1 240	STATE STREET ILR TRUST TILXX	CASH EQUIVALENT	\$1
391 830	STATE STREET ILR TRUST TILXX	CASH EQUIVALENT	\$392
458,532 630	STATE STREET INSTITUTIONAL U.S	CASH EQUIVALENT	\$458,533
	CASH IN CHECKING ACCOUNT AT WELLS FARGO BANK		\$1,497,227
TOTAL TO PART II LINE 2 COLUMN (B) AND (C)			\$2,229,440

BURROUGHS WELLCOME FUND**990-PF FOR 2016****FISCAL YEAR ENDED 8/31/2017****PART II LINE 10A COLUMN (B) AND (C)**

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
1,189.610	FED HM LN PC POOL A47924	\$1,277
1,390.480	FED HM LN PC POOL A16908	\$1,549
5,446.800	FED HM LN PC POOL C01599	\$6,070
6,525.040	FED HM LN PC POOL A34552	\$7,033
19,192.280	FED HM LN PC POOL A40366	\$20,660
18,201.320	FED HM LN PC POOL C14186	\$18,482
22,859.830	FED HM LN PC POOL G04725	\$24,992
58,387.150	FED HM LN PC POOL C91395	\$62,333
58,696.070	FED HM LN PC POOL A46278	\$64,562
65,980.210	FED HM LN PC POOL Q18209	\$68,711
76,688.680	FED HM LN PC POOL G60093	\$77,930
80,331.950	FED HM LN PC POOL G08720	\$86,288
91,710.140	FED HM LN PC POOL C91760	\$96,347
92,404.950	FED HM LN PC POOL C91485	\$97,085
98,535.050	FED HM LN PC POOL G08711	\$102,190
100,000.000	FHLMC TBA 30 YR 3.5	\$103,469
132,621.010	FED HM LN PC POOL G08737	\$134,215
196,194.240	FED HM LN PC POOL G08741	\$198,552
204,266.690	FED HM LN PC POOL V80006	\$207,735
205,451.680	FED HM LN PC POOL G08716	\$213,072
209,205.640	FED HM LN PC POOL G03819	\$235,568
373,401.190	FED HM LN PC POOL G15360	\$396,922
600,000.000	FHLMC TBA 30 YR 4	\$633,186
25,931.890	FNMA POOL AE5529	\$27,537
26,829.040	FNMA POOL AI3884	\$28,857
37,850.960	FNMA POOL AE5528	\$40,005
54,785.940	FNMA POOL MA2028	\$59,018
64,979.610	FNMA POOL AZ3900	\$67,545
67,582.510	FNMA POOL AL4416	\$69,182
70,887.860	FNMA POOL MA2078	\$74,961
74,342.920	FNMA POOL AO4622	\$79,539
75,444.440	FNMA POOL MA2654	\$81,171
90,438.550	FNMA POOL BC0247	\$95,573
92,507.090	FNMA POOL BF0068	\$98,827
93,734.530	FNMA POOL MA2176	\$96,578
101,266.510	FNMA POOL AS6005	\$105,428
99,461.710	FNMA POOL AH3586	\$105,538
107,078.230	FNMA POOL MA2806	\$108,373
108,441.440	FNMA POOL MA2676	\$110,394
111,732.010	FNMA POOL AS0489	\$113,986
113,328.110	FNMA POOL BC6009	\$117,501

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10A COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
114,153.030	FNMA POOL AL1819	\$119,349
110,326.180	FNMA POOL MA2019	\$117,619
127,999.090	FNMA POOL AL7091	\$129,922
120,320.480	FNMA POOL BF0072	\$130,162
155,172.980	FNMA POOL AL8924	\$160,508
160,082.810	FNMA POOL AY8857	\$169,198
180,425.610	FNMA POOL 735230	\$202,078
215,222.890	FNMA POOL AR6378	\$219,422
191,955.760	FNMA POOL AL3190	\$204,986
210,408.140	FNMA POOL MA2683	\$222,481
227,768.670	FNMA POOL 878732	\$254,800
241,951.150	FNMA POOL AH1515	\$257,777
266,833.500	FNMA POOL AS4578	\$286,448
302,724.410	FNMA POOL AB7946	\$307,977
292,844.510	FNMA POOL MA2046	\$307,519
300,000.000	FNMA TBA 30 YR 4.5	\$322,734
373,738.300	FNMA POOL AS7388	\$387,499
428,591.010	FNMA POOL MA2055	\$456,934
600,000.000	FNMA TBA 30 YR 4	\$633,984
2,700,000.000	FNMA TBA 30 YR 3.5	\$2,793,177
62,060.090	GNMA POOL 717997	\$68,201
84,312.050	GNMA POOL 669977	\$86,416
91,860.790	GNMA POOL 710935	\$103,873
218,435.500	GNMA POOL 778794	\$228,678
0.000	GNMA II TBA 30 YR 3.5	\$208,562
380.340	GNMA II POOL 008404	\$383
58,737.970	GNMA II POOL 005205	\$64,230
81,297.370	GNMA II POOL AM8046	\$83,366
92,968.000	GNMA II POOL BB5156	\$97,311
92,013.230	GNMA II POOL AZ8788	\$97,769
96,040.620	GNMA II POOL AQ0095	\$100,630
96,578.950	GNMA II POOL AX3919	\$103,580
98,052.450	GNMA II POOL AM5249	\$102,679
97,567.410	GNMA II POOL BA8983	\$103,670
102,620.810	GNMA II POOL AL4517	\$107,091
191,186.070	GNMA II POOL MA3663	\$199,598
204,480.000	GNMA II POOL BC4803	\$213,115
15,000.000	US TREASURY N/B	\$15,846
40,000.000	US TREASURY N/B	\$36,128
44,206.530	NEW VALLEY GENERATION I	\$45,923
45,000.000	US TREASURY N/B	\$45,510

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10A COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
50,000 000	UNITED MEXICAN STATES	\$58,100
64,989 400	TSY INFL IX N/B	\$61,516
89,000.000	US TREASURY N/B	\$89,529
102,000 000	US TREASURY N/B	\$102,255
103,000.000	US TREASURY N/B	\$105,233
116,000.000	US TREASURY N/B	\$110,753
109,000 000	US TREASURY N/B	\$112,253
112,000.000	ONTARIO (PROVINCE OF)	\$113,723
113,000.000	FREDDIE MAC	\$113,001
126,087 000	TSY INFL IX N/B	\$126,658
145,000 000	FEDERAL HOME LOAN BANK	\$145,007
150,000.000	PROVINCE OF QUEBEC	\$152,252
164,218.860	TSY INFL IX N/B	\$165,055
166,000.000	US TREASURY N/B	\$175,357
171,000.000	US TREASURY N/B	\$172,269
174,000 000	US TREASURY N/B	\$179,330
139,000 000	US TREASURY N/B	\$180,803
176,000.000	FEDERAL FARM CREDIT BANK	\$175,680
177,000.000	FEDERAL FARM CREDIT BANK	\$177,131
180,000.000	FEDERAL FARM CREDIT BANK	\$180,157
181,000 000	FREDDIE MAC	\$180,949
190,000 000	US TREASURY N/B	\$190,787
183,669 200	TSY INFL IX N/B	\$189,188
179,722 710	TSY INFL IX N/B	\$200,899
200,000.000	STATE OF QATAR	\$199,180
205,000.000	TENN VALLEY AUTHORITY	\$218,442
204,000 000	SAUDI INTERNATIONAL BOND	\$204,563
271,000 000	US TREASURY N/B	\$244,767
251,000 000	US TREASURY N/B	\$251,479
246,000.000	US TREASURY N/B	\$249,796
272,000.000	US TREASURY N/B	\$269,492
270,000.000	US TREASURY N/B	\$270,084
267,000.000	US TREASURY N/B	\$271,173
334,000.000	FREDDIE MAC	\$333,693
355,000.000	FANNIE MAE	\$354,716
385,000.000	US TREASURY N/B	\$374,428
382,000 000	US TREASURY N/B	\$385,106
399,000.000	US TREASURY N/B	\$407,650
332,053.970	TSY INFL IX N/B	\$422,376
468,000 000	FREDDIE MAC	\$467,700
461,000 000	US TREASURY N/B	\$478,232

BURROUGHS WELLCOME FUND**990-PF FOR 2016****FISCAL YEAR ENDED 8/31/2017****PART II LINE 10A COLUMN (B) AND (C)**

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
526,000.000	FEDERAL FARM CREDIT BANK	\$526,000
526,194.020	TSY INFL IX N/B	\$541,501
529,872.320	TSY INFL IX N/B	\$541,959
553,000.000	US TREASURY N/B	\$582,033
611,000 000	US TREASURY N/B	\$590,092
641,000.000	US TREASURY N/B	\$639,673
721,000 000	FREDDIE MAC	\$720,603
845,000.000	US TREASURY N/B	\$806,282
861,925.500	TSY INFL IX N/B	\$860,753
920,000.000	US TREASURY N/B	\$910,625
1,412,000 000	US TREASURY N/B	\$1,360,702
20,000.000	TREASURY BILL	\$19,902
40,000.000	TREASURY BILL	\$39,987
TOTAL PART II LINE 10A COLUMN AND STMT 9		\$31,136,247

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
2.000	KINDER MORGAN INC	\$39
14.000	VERINT SYSTEMS INC	\$556
3,822,244.770	STATE STREET INSTITUTIONAL US	\$3,822,245
1,362,426.780	STATE STREET INSTITUTIONAL US	\$1,362,427
74.990	STATE STREET INSTITUTIONAL US	\$75
36,659.000	KUHLMAN COMPANY INC	\$0
9,074.000	HOLLIS EDEN PHARMACEUTICALS	\$0
0.010	STATE STREET INSTITUTIONAL US	\$0
89,968.511	BARINGS GLOBAL LOAN FUND	\$10,947,368
97.000	FONCIERE EURIS	\$4,718
129.000	SWISSCOM AG REG	\$64,916
7,983.000	COCA COLA AMATIL LTD	\$50,970
23,700.000	HAW PAR CORP LTD 1	\$195,813
40,400.000	SINGAPORE AIRLINES LTD	\$306,719
5,530.000	VOESTALPINE AG	\$286,587
338 000	DONG IL CORP	\$17,506
499.000	SIPEF SA	\$36,782
19,000.000	HOKKAIDO GAS CO LTD	\$47,647
6,500.000	JOBAN KOSAN CO LTD	\$109,731
1,300.000	MEITO SANGYO CO LTD	\$17,871
600 000	TOKYO RAKUTENCHI CO LTD	\$32,273
2,000.000	FUJITSU BROAD SOLUTION + CON	\$20,007
3,696.000	NESTLE SA REG	\$312,872
2,000.000	NIHON SHOKUJIN KAKO CO LTD	\$9,086
18,000.000	SUN HING VISION GROUP HLDGS	\$7,130
64,000.000	CHINA TELECOM CORP LTD H	\$32,873
106.000	CARNIVAL PLC	\$7,342
1,000.000	JICHODO CO LTD	\$14,410
111,400 000	SINGAPORE TELECOMMUNICATIONS	\$303,520
7,912.000	RENTOKIL INITIAL PLC	\$31,044
1,740.000	PARGESA HOLDING SA BR	\$140,685
1,700.000	COCO S JAPAN CO LTD	\$35,310
5,000.000	OUG HOLDINGS INC	\$12,993
4,641.000	EBIQUITY PLC	\$7,027
176.000	CA ATLANTIQUE VENDEE CCI	\$25,528
60,000.000	BANK OF CHINA LTD H	\$31,585
500.000	LE BELIER	\$25,740
101.000	CA NORMANDIE SEINE CCI	\$15,069
1,000.000	CHOUSHIMARU CO LTD	\$40,751
463.000	CRCAM DU LANGUEDOC	\$33,352
851.000	ORIOR AG	\$67,611

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
62,599.000	MANX TELECOM PLC	\$159,711
7,502.000	COCA COLA EUROPEAN PARTNERS	\$322,586
2,404.000	TBC BANK GROUP PLC	\$52,227
256.000	L.D.C. SA	\$32,886
536.000	KERUR HOLDINGS LTD	\$15,348
1,500.000	FUKUDA DENSHI CO LTD	\$113,802
9,197.000	BANKINTER SA	\$87,584
21,900.000	PARIS MIKI HOLDINGS INC	\$96,307
5,020.000	OMV AG	\$288,208
4,585.000	CECONOMY AG	\$50,161
14,127.000	TELSTRA CORP LTD	\$41,122
2,119.000	BHP BILLITON LIMITED	\$46,017
600.000	EISAI CO LTD	\$31,041
164,600.000	HONG KONG + CHINA GAS	\$311,262
300.000	NIPPON TELEGRAPH + TELEPHONE	\$14,905
29,500.000	CHINA MOBILE LTD	\$312,849
49,449.000	BANK HAPOLIM BM	\$332,679
4,900.000	HEINEKEN MALAYSIA BHD	\$21,571
1,177.000	OLVI OYJ A SHARES	\$43,799
10,000.000	HARBOUR CENTRE DEVELOPMENT	\$18,782
2,600.000	TSUMURA + CO	\$97,919
69.000	ELECTRICITE DE STRASBOURG RG	\$10,416
4,728.000	SMITH + NEPHEW PLC	\$85,109
4,000.000	MEIKO TRANS CO LTD	\$43,976
1,696.000	AAREAL BANK AG	\$69,353
1,300.000	BANK OF NOVA SCOTIA	\$80,556
647.000	LOK NSTORE GROUP PLC	\$3,314
44,122.000	KINGFISHER PLC	\$169,935
5,000.000	CENTRAL AUTOMOTIVE PRODUCTS	\$72,006
2,700.000	NIHON ESLEAD CORP	\$47,690
2,860.000	RAIFFEISEN BANK INTERNATIONA	\$93,711
705.000	MARINE HARVEST	\$13,964
5,300.000	YAMAZAWA CO LTD	\$85,332
908.000	HOMAG GROUP AG	\$68,010
273.000	BFW LIEGENSCHAFTEN AG	\$12,741
529.000	ICON PLC	\$59,983
400.000	MAXVALU KYUSHU CO LTD	\$7,356
169.000	INDUSTRIA DE DISENO TEXTIL	\$6,413
4,149.000	UBS GROUP AG REG	\$68,215
3,164.000	MICROGEN PLC	\$20,181
5,562.000	GATELEY HOLDINGS PLC	\$11,790

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
1,876.000	DOR ALON ENERGY IN ISRAEL	\$29,547
10,173.000	QIAGEN N.V.	\$327,265
5,300.000	AEON HOKKAIDO CORP	\$30,194
5,000.000	SHINKI BUS CO LTD	\$39,887
2,700.000	CHUBU STEEL PLATE CO LTD	\$18,743
135.000	CONSTR INDUSTRIELLES MEDITER	\$23,810
4,500.000	BANK OF MONTREAL	\$321,631
6,465.000	RIO TINTO LTD	\$347,864
12,000.000	REGAL HOTELS INTL HLDGS LTD	\$8,724
27,300.000	KUALA LUMPUR KEPONG BHD	\$156,877
2,700.000	BATU KAWAN BHD	\$11,949
204.000	PSB INDUSTRIES	\$12,457
600.000	NITTO FUJI FLOUR MILLING CO	\$21,779
13,469.000	SANFORD LIMITED	\$71,384
3,781.000	NOVARTIS AG REG	\$318,296
4,000.000	MORISHITA JINTAN CO LTD	\$21,734
700.000	LASSONDE INDS INC CLASS A	\$130,933
200.000	TAKIHYO CO LTD	\$4,269
3,800 000	PUBLIC BANK BERHAD	\$18,330
6,091.000	CARETECH HOLDINGS PLC	\$32,650
1,225.000	ICA GRUPPEN AB	\$48,770
5,332 000	ABANO HEALTHCARE GROUP LTD	\$35,438
2,800.000	STARHUB LTD	\$5,381
456,000.000	IND + COMM BK OF CHINA H	\$341,427
21,432 000	FINSBURY FOOD GROUP PLC	\$30,240
12,090.000	YOUGOV PLC	\$42,452
692,000 000	AGRICULTURAL BANK OF CHINA H	\$325,379
4,000.000	GAMECARD JOYCO HOLDINGS INC	\$48,374
1,170.000	SAN MIGUEL PURE FOODS CO	\$7,038
600.000	KADOYA SESAME MILLS INC	\$31,401
750.000	IES I SVERIGE HOLDING II AB	\$6,574
7,300.000	ROGERS COMMUNICATIONS INC B	\$379,571
2,699 000	MERCK KGAA	\$296,048
12,449.000	CONTACT ENERGY LTD	\$49,751
13,200.000	ASTELLAS PHARMA INC	\$165,929
6,536.000	INDUSTRIAS CH S.A.B. SER B	\$31,366
12.000	BASELLANDS KANTONALBANK CERT	\$11,276
3,000.000	OENON HOLDINGS INC	\$7,741
8,200 000	KEIYO CO LTD	\$55,953
42,000.000	JMS CO LTD	\$125,550
2,900.000	HARUYAMA HOLDINGS INC	\$26,191

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
100.000	ITOCHU SHOKUHI CO LTD	\$4,420
9,600.000	CPFL ENERGIA SA	\$82,653
95,355.000	BORYSZEWS SA	\$276,186
10,741.000	PARMALAT SPA	\$39,332
6,100.000	HOTEL GRAND CENTRAL LTD	\$6,019
485.000	HIGHLIGHT COMMUNICATIONS BR	\$2,919
1,974.000	CA NORD DE FRANCE CCI	\$46,492
7,390.000	ECO ANIMAL HEALTH GROUP PLC	\$59,991
1,100.000	DAISHO CO LTD	\$13,053
1,178.000	IDOX PLC	\$922
2,200.000	MAXVALU NISHINIHON CO LTD	\$33,582
600.000	AEON KYUSHU CO LTD	\$9,649
500.000	B R 31 ICE CREAM CO LTD	\$18,308
95.000	IGE XAO	\$11,069
100.000	DIMED SA DISTRIBUIDORA DE ME	\$15,732
9,340 000	SVENSKA CELLULOZA AB SCA B	\$77,761
3,262 000	COMPAGNIE DES ALPES	\$95,016
3,381.000	LOBLAW COMPANIES LTD	\$182,648
259.000	INCHEON CITY GAS CO LTD	\$7,006
19,488.000	ROGERS SUGAR INC	\$100,413
3,948.000	CINEPLEX INC	\$120,888
35.000	ZUG ESTATES HOLDING AG B SHR	\$66,831
500 000	DYNAC CORP	\$7,637
4,058.000	MARSHALL MOTOR HOLDINGS PLC	\$8,340
8,606.000	INTERNATIONAL GAME TECHNOLOG	\$175,304
2,423.000	AIRWORK HOLDINGS LTD	\$7,115
1,389 000	TADIRAN HOLDINGS LTD	\$35,671
12,201.000	PENA VERDE SA DE CV	\$6,969
26,790.000	JD SPORTS FASHION PLC	\$111,880
5,936.000	INFRATIL LTD	\$13,392
156.000	TARO PHARMACEUTICAL INDUS	\$16,355
1,000.000	GUOCO GROUP LTD	\$12,943
6,400.000	TORONTO DOMINION BANK	\$342,320
331,740.000	LLOYDS BANKING GROUP PLC	\$272,807
1,191.000	EBRO FOODS SA	\$28,362
15,300.000	NESTLE (MALAYSIA) BERHAD	\$300,948
1,526.000	POSCO	\$464,864
223.000	SAMSUNG ELECTRONICS CO LTD	\$458,024
5,600 000	KECK SENG (MALAYSIA) BHD	\$6,570
3,600.000	FUJIYA CO LTD	\$79,484
4,600 000	ST CORP	\$104,029

BURROUGHS WELLCOME FUND**990-PF FOR 2016****FISCAL YEAR ENDED 8/31/2017****PART II LINE 10B COLUMN (B) AND (C)**

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
14,500.000	MITSUBISHI TANABE PHARMA	\$355,715
4,500.000	POWER ASSETS HOLDINGS LTD	\$39,673
1,108.000	BIOGAIA AB B SHS	\$42,051
170.000	CR DE CREDIT AGRICOLE IDF	\$16,684
1,400.000	MCDONALD S HOLDINGS CO JAPAN	\$62,139
3,400.000	STEP CO LTD	\$45,442
39,200.000	OLAM INTERNATIONAL LTD	\$59,464
12,800.000	DAIICHI SANKYO CO LTD	\$302,264
7,454.000	BIOQUELL PLC	\$24,348
32,559.000	ORKLA ASA	\$333,339
11,738.000	VODACOM GROUP LTD	\$163,993
4,084.000	COMMERZBANK AG	\$50,691
27,380.000	ASIA UNITED BANK	\$31,810
311,100.000	MITRA PINASTHIKA MSTK TBK PT	\$19,237
1,400.000	TENCENT HOLDINGS LTD	\$58,852
10,119.000	TAPTICA INTERNATIONAL LTD	\$48,570
463.000	WALLISER KANTONALBANK REG	\$46,131
20,767.000	PLAYA HOTELS + RESORTS NV	\$215,354
1,390.000	VIFOR PHARMA AG	\$140,157
3,200.000	YAMAE HISANO CO LTD	\$36,344
7,400.000	YAIZU SUIKAGAKU INDUSTRY	\$82,633
6,000.000	KFC HOLDINGS JAPAN LTD	\$110,612
4,500.000	HURXLEY CORP	\$46,488
4,600.000	ROYAL BANK OF CANADA	\$340,042
5,900.000	SIA ENGINEERING CO LTD	\$15,293
1,421.000	SANOFI	\$137,959
200.000	CANON INC	\$7,003
11,259.000	FISHER + PAYKEL HEALTHCARE C	\$94,910
6,200.000	TAKEDA PHARMACEUTICAL CO LTD	\$342,335
1,839.000	COMPUTERSHARE LTD	\$20,493
177,330.000	MAGYAR TELEKOM TELECOMMUNICA	\$336,706
1,779.000	UNIPETROL AS	\$23,767
383.000	ELBIT SYSTEMS LTD	\$52,698
68,000.000	TENAGA NASIONAL BHD	\$227,383
21,000.000	HONG LEONG FINANCE LTD	\$40,515
4,000.000	WING ON CO INTERNATIONAL LTD	\$14,259
532.000	SAVENCIA SA	\$53,458
118.000	CREDIT AGRICOLE TOULOUSE 31	\$15,318
300.000	TOBA INC	\$6,092
700.000	HEIAN CEREMONY SERVICE CO	\$6,112
900.000	NAFCO CO LTD	\$14,359

BURROUGHS WELLCOME FUND**990-PF FOR 2016****FISCAL YEAR ENDED 8/31/2017****PART II LINE 10B COLUMN (B) AND (C)**

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
1,000.000	BIOFERMIN PHARMACEUTICAL CO	\$26,331
8,145.000	PINAR ENTEGRE ET VE UN SANAY	\$23,497
1,854.000	CHARACTER GROUP PLC	\$11,348
17,957.000	CONYGAR INVESTMENT CO PLC	\$39,451
1,700.000	MAXVALU TOHOKU CO LTD	\$19,617
1,396.000	ADP	\$248,707
2,488.000	ORION OYJ CLASS B	\$117,669
8,000.000	BCE INC	\$380,480
6,377.000	GRUPO SIMEC S.A. SER B	\$23,060
4,802.000	CRANEWARE PLC	\$79,511
113.000	KOGENERACJA	\$2,751
1,000.000	HIKARI FURNITURE CO LTD	\$8,336
1,600.000	VICOM LTD	\$6,692
7,911.000	CENTRAL ASIA METALS PLC	\$25,688
6,371 000	BKW AG	\$369,266
6,354.000	IMIMOBILE PLC	\$15,351
5,700.000	MAXVALU CHUBU CO LTD	\$65,773
2,935 000	SHEPHERD NEAME LTD	\$48,219
1,600.000	IMURAYA GROUP CO LTD	\$30,529
100.000	TOBU STORE CO LTD	\$2,798
5,000.000	HOKKAIDO COCA COLA BOTTLING	\$32,391
418,000.000	PETROCHINA CO LTD H	\$267,043
8,447.000	SHAW COMMUNICATIONS INC B	\$187,704
10,498.000	SSE PLC	\$192,763
89.000	FORBO HOLDING AG REG	\$135,028
2,280.000	KERRY GROUP PLC A	\$212,057
30,500.000	CLP HOLDINGS LTD	\$322,090
21 000	GAUMONT SA	\$2,387
818.000	OLAV THON EIENDOMSSELSKAP AS	\$17,769
18,851.000	EBOS GROUP LTD	\$232,489
2,551.000	CHECK POINT SOFTWARE TECH	\$285,380
20,240.000	STALEXPORT AUTOSTRADY SA	\$24,299
14,783 000	GLAXOSMITHKLINE PLC	\$292,111
3,000.000	KANEMI CO LTD	\$92,813
16,649.000	CREDIT AGRICOLE SA	\$293,149
1,548.000	BNP PARIBAS	\$117,621
4,379.000	MAINFREIGHT LTD	\$77,528
1,400.000	EBARA FOODS INDUSTRY INC	\$26,446
1,368.000	ECKERT + ZIEGLER STRAHLEN UN	\$54,957
52.000	SAMSE SA	\$9,181
131.000	CA SUD RHONE ALPES CCI	\$29,684

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
35,720.000	MANILA ELECTRIC COMPANY	\$189,176
32,716.000	TURK TELEKOMUNIKASYON AS	\$68,037
800 000	AOHATA CORP	\$18,027
1,000.000	RETAIL PARTNERS CO LTD	\$10,776
13,000.000	CHINA BANKING CORP	\$9,159
300.000	JOLLY PASTA CO LTD	\$4,487
6,111.000	BONMARCHE HOLDINGS PLC	\$6,929
203.000	VOYAGEURS DU MONDE	\$21,130
779.000	AGL ENERGY LTD	\$14,823
1,000 000	CK HUTCHISON HOLDINGS LTD	\$13,084
55.000	INTERSHOP HOLDING AG	\$27,529
8,443.000	CAMBRIA AUTOMOBILES PLC	\$6,528
286,672.000	LA COMER SAB DE CV	\$286,145
6,586.000	ING GROEP NV	\$116,668
16,000.000	CK INFRASTRUCTURE HOLDINGS L	\$144,944
425.000	FLEURY MICHON SA	\$25,264
600.000	S + B FOODS INC	\$44,049
3,800.000	CAN IMPERIAL BK OF COMMERCE	\$317,972
6,771.000	M6 METROPOLE TELEVISION	\$148,684
10,632.000	DIAGEO PLC	\$355,101
9,250.000	WESFARMERS LTD	\$312,687
14,315.000	CEZ AS	\$271,071
6,370.000	KOREA ELECTRIC POWER CORP	\$242,349
10,369 000	KT CORP	\$286,904
2,596.000	OCEAN WILSONS HOLDINGS LTD	\$36,127
595.000	OBERBANK AG	\$55,170
42,460.000	UNION BANK OF PHILIPPINES	\$71,818
12,000 000	GOURMET KINEYA CO LTD	\$126,040
1,491.000	SK TELECOM	\$335,197
5,000.000	TOKYU RECREATION CO LTD	\$38,206
18,180.000	TELENOR ASA	\$367,112
700 000	OTOYA HOLDINGS CO LTD	\$12,924
300.000	UNICAFE INC	\$2,761
7,839.000	BRISCOE GROUP LTD	\$21,559
2,200.000	YAGI + CO LTD	\$36,860
85.000	DAMARTEX	\$3,594
302 000	KISCO HOLDINGS CO LTD	\$20,623
8,954.000	NORSK HYDRO ASA	\$64,452
5,200.000	DUTCH LADY MILK INDS BHD	\$71,403
68,017.000	ALCHEMIA SA	\$95,933
3,513.000	BANCO DE SABADELL SA	\$7,714

BURROUGHS WELLCOME FUND**990-PF FOR 2016****FISCAL YEAR ENDED 8/31/2017****PART II LINE 10B COLUMN (B) AND (C)**

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
8,176.000	CELLO GROUP PLC	\$13,222
1,500.000	WESTON (GEORGE) LTD	\$129,846
27,548.000	BRADY PLC	\$24,493
3,700.000	OTSUKA HOLDINGS CO LTD	\$148,894
19,309.000	BANCA MEDIOLANUM SPA	\$162,991
290.000	METRO AG	\$5,661
328,300.000	DIGITAL TELECOMMUNICATIONS	\$141,385
16,677.000	FONTERRA SHAREHOLDERS FUND	\$74,173
4,400.000	ENERGISA SA UNITS	\$34,638
2,873.000	GAZPROM PAO SPON ADR	\$11,463
29,843.000	SURGUTNEFTEGAS SP ADR	\$136,502
657.000	ACTELION LTD UNSP ADR	\$45,721
199,600.000	THAI METAL TRADE PCL NVDR	\$95,577
9,530.000	TELEKOMUNIK INDONESIA SP ADR	\$336,600
2,780.000	INFOSYS LTD SP ADR	\$41,700
1,800.000	BANGKOK BANK PUBLIC CO NVDR	\$10,002
36,249.000	GRUPO AVAL ACCIONES Y VALORE	\$325,879
1,412.000	MMC NORILSK NICKEL PJSC ADR	\$23,651
528,400.000	TPI POLENE POWER PCL NVDR	\$116,963
3,276.000	BANCO DE CHILE ADR	\$286,716
8,983.000	GAZPROM NEFT SPONSORED ADR	\$163,491
8,797.000	SEVERSTAL GDR REG S	\$139,081
9,000.000	SAHA UNION CORP PCL NVDR	\$11,113
1,100.000	MURAMOTO ELECTRON THAI NVDR	\$7,520
6,088.000	CIA CERVECERIAS UNI SPON ADR	\$166,811
585.000	VINA CONCHA Y TORO SA SP ADR	\$19,753
3,781.000	MILLICOM INTL CELLULAR SDR	\$235,536
17,100.000	SIAM CEMENT PCL NVDR	\$257,491
1,680.000	TENAGA NASIONAL SPONS ADR	\$25,015
16,483.000	ENEL AMERICAS SA ADR	\$177,027
30,000.000	SIAM MAKRO PUBLIC CO NVDR	\$30,944
9,294.000	CHUNGHWA TELECOM LT SPON ADR	\$321,665
276.000	POLYUS PJSC SPONSORED ADR	\$10,709
6,617.000	ENEL CHILE SA	\$38,776
56,704.000	GAZPROM PAO SPON ADR	\$226,249
3,914.000	NOVOLIPETSK STEEL PJSC GDR	\$92,879
8,848.000	ROSTELECOM SPONSORED ADR	\$61,405
332.000	CHINA TELECOM CORP LTD ADR	\$17,028
41,100.000	CS LOXINFO PCL NVDR	\$7,427
5,900.000	BANGKOK INSURANCE PUBLI NVDR	\$62,722
38,126.360	STATE STREET INSTITUTIONAL US	\$38,126

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
139,940.000	UK COMMERCIAL PROPERTY TRUST L	\$164,001
27,562.000	DORIC NIMROD AIR THREE LTD	\$36,669
6,600.000	CIA DE TRANSMISSAO DE ENE PF	\$148,405
313.000	ABSA BANK LTD PREFERENCE	\$17,820
3,100.000	CENTRAIS ELETRICAS SANTA CAT	\$22,266
2,376.000	CIA DE GAS DE SAO PAULO PR A	\$40,777
1,982.000	HENKEL AG + CO KGAA VORZUG	\$265,213
3,610.000	AKELIUS RESIDENTIAL AB PREF	\$148,803
969.000	DRAEGERWERK AG PREF	\$103,500
21,414.000	DORIC NIMROD AIR TWO LTD	\$61,119
28,700.000	FRASERS COMMERCIAL TRUST	\$29,482
61,978.000	GCP STUDENT LIVING PLC	\$116,997
3,844.000	YENI GIMAT GAYRIMENKUL ORTAK	\$13,416
35,411.000	AEW UK REIT PLC	\$46,713
271.000	FONCIERE LYONNAISE	\$18,040
43,900.000	TICON PROPERTY FUND	\$13,882
102,100.000	CPN RETAIL GROWTH LEASEHOLD	\$59,652
19,200.000	WHA PREMIUM GROWTH FREEHOLD	\$5,435
7,600.000	TICON FREEHOLD + LEASEHOLD R	\$2,197
24,900.000	LH HOTEL LEASEHOLD REIT	\$9,824
30,307.000	GROUND RENTS INCOME FUND PLC	\$48,425
43,601.000	CONCENTRADORA HIPOTECARIA SA	\$54,627
28,000,000.000	CAMDEN BONDS PLUS FUND LLC	\$29,452,304
557,476.620	STATE STREET INSTITUTIONAL US	\$557,477
171.820	STATE STREET INSTITUTIONAL US	\$172
15,235.000	INFRATIL LTD	\$34,371
1,230.000	KEYENCE CORP	\$639,922
900.000	KDDI CORP	\$24,262
331,987.000	LLOYDS BANKING GROUP PLC	\$273,010
5,484.000	GAS NATURAL SDG SA	\$133,137
3,400.000	ASAHI GROUP HOLDINGS LTD	\$147,943
3,886.000	AMCOR LIMITED	\$49,654
27,000.000	IHI CORP	\$89,297
9,300.000	KUBOTA CORP	\$160,887
600.000	NINTENDO CO LTD	\$199,746
1,300.000	SMC CORP	\$445,421
1,300.000	NIFCO INC	\$74,532
3,340.000	ELRINGKLINGER AG	\$57,956
56,902.000	TULLOW OIL PLC	\$114,454
4,670.000	NESTLE SA REG	\$395,322
17,900.000	SINGAPORE TELECOMMUNICATIONS	\$48,770

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
1,600.000	ASAHI INTECC CO LTD	\$83,736
2,069.000	ROYAL DUTCH SHELL PLC A SHS	\$56,933
5,101.000	DANONE	\$401,172
1,200.000	RECKITT BENCKISER GROUP PLC	\$113,372
2,400.000	MEIJI HOLDINGS CO LTD	\$191,023
26,600.000	PRADA S.P.A.	\$96,694
1,600.000	LABRADOR IRON ORE ROYALTY CO	\$25,536
5,200.000	CYBERDYNE INC	\$68,319
13,100.000	AGGREKO PLC	\$152,089
13,651.000	ASSA ABLOY AB B	\$294,726
15,132.000	ALTICE NV A	\$348,475
7,509.000	ASTRAZENECA PLC	\$439,375
370.000	RYOHIN KEIKAKU CO LTD	\$102,535
4,454.000	PERNOD RICARD SA	\$607,907
806.000	KERING	\$302,137
6,562.000	BANCO SANTANDER SA	\$42,589
2,500.000	DAIWA HOUSE INDUSTRY CO LTD	\$87,384
1,200.000	SHIMANO INC	\$162,021
11,859.000	FIRST QUANTUM MINERALS LTD	\$142,355
2,770.000	ADECCO GROUP AG REG	\$200,328
81,347.000	ENEL SPA	\$491,788
14,400.000	RENESAS ELECTRONICS CORP	\$145,099
582.000	PARTNERS GROUP HOLDING AG	\$376,695
1,274.000	CASTELLUM AB	\$19,917
15,856.000	GLENCORE PLC	\$73,450
22,900.000	SAMSONITE INTERNATIONAL SA	\$93,924
100,689.000	VODAFONE GROUP PLC	\$287,251
59,567.000	AA PLC	\$122,808
104,850.000	BCA MARKETPLACE PLC	\$253,996
5,727.000	SVENSKA HANDELSBANKEN A SHS	\$85,502
9,224.000	BANK OF IRELAND GROUP PLC	\$76,765
6,489.000	DNB ASA	\$126,363
21,275.000	ASAHI KASEI CORP	\$254,581
1,400.000	DENSO CORP	\$67,876
7,721.000	HALMA PLC	\$108,741
2,524.000	LVMH MOET HENNESSY LOUIS VUI	\$660,922
8,125.000	PAGEGROUP PLC	\$53,447
288.000	ESSILOR INTERNATIONAL	\$36,312
183.000	ORPEA	\$22,148
3,000.000	CARNIVAL PLC	\$207,779
1,233.000	HEINEKEN NV	\$129,191

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
7,200.000	ROYAL DUTCH SHELL PLC B SHS	\$200,442
6,030.000	DEUTSCHE WOHNEN SE	\$255,792
15,800 000	RELX PLC	\$344,272
5,129.000	ASML HOLDING NV	\$795,771
12,700.000	WEATHERFORD INTERNATIONAL PL	\$48,641
954.000	SPIRAX SARCO ENGINEERING PLC	\$69,085
2,669.000	ING GROEP NV	\$47,280
2,400.000	RAKUTEN INC	\$28,468
7,523.000	AIRBUS SE	\$631,542
450.000	CANADIAN NATL RAILWAY CO	\$36,330
2,800 000	JARDINE MATHESON HLDGS LTD	\$183,988
3,812.000	DAIMLER AG REGISTERED SHARES	\$277,500
4,100.000	MURATA MANUFACTURING CO LTD	\$627,331
1,216.000	ASSOCIATED BRITISH FOODS PLC	\$52,052
992.000	DEUTSCHE BOERSE AG	\$105,897
2,993.000	LAFARGEHOLCIM LTD REG	\$175,500
17,644 000	INMARSAT PLC	\$166,422
5,700.000	OVERSEA CHINESE BANKING CORP	\$46,884
3,840.000	REA GROUP LTD	\$201,930
1,079.000	MODERN TIMES GROUP B SHS	\$39,052
1,654.000	LIBERTY GLOBAL PLC A	\$56,236
1,200.000	CERVED INFORMATION SOLUTIONS	\$13,504
1,100.000	GLORY LTD	\$37,380
3,978.000	DIAGEO PLC	\$132,862
1,664.000	KBC GROEP NV	\$136,564
1,800.000	NIDEC CORP	\$203,780
5,100.000	SOFTBANK GROUP CORP	\$413,431
800.000	SHIONOGI + CO LTD	\$42,122
62,723.000	BANK LEUMI LE ISRAEL	\$328,423
2,400.000	RINNAI CORP	\$208,250
34,800 000	KONINKLIJKE KPN NV	\$122,921
2,191.000	L OREAL	\$461,975
945.000	BAYERISCHE MOTOREN WERKE AG	\$87,634
1,768.000	ROCHE HOLDING AG GENUSSCHEIN	\$447,979
456.000	NOVARTIS AG REG	\$38,388
5,072.000	CREDIT SUISSE GROUP AG REG	\$74,417
123 000	ROYAL DUTCH SHELL PLC A SHS	\$3,371
22,778.000	IBERDROLA SA	\$185,801
24,800.000	WYNN MACAU LTD	\$54,439
1,986.000	BRENNTAG AG	\$105,107
1,609.000	DKSH HOLDING AG	\$131,600

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
2,017.000	CIE FINANCIERE RICHEMONT REG	\$179,977
10,900.000	MICRO FOCUS INTERNATIONAL	\$319,247
29,847.000	BANKIA SA	\$145,099
1,100.000	ORACLE CORP JAPAN	\$81,256
2,400.000	SSE PLC	\$44,068
5,203.000	RIO TINTO PLC	\$251,178
2,026.000	ANSELL LTD	\$35,063
4,422.000	NEWCREST MINING LTD	\$80,142
7,900.000	NTT DOCOMO INC	\$183,288
15,000.000	BOC HONG KONG HOLDINGS LTD	\$76,376
494.000	KONINKLIJKE DSM NV	\$37,430
5,715.000	GREENE KING PLC	\$50,775
2,300.000	HOSHIZAKI CORP	\$199,991
8,232.000	NOVO NORDISK A/S B	\$392,128
10,233.000	UBS GROUP AG REG	\$168,243
539.000	HAPAG LLOYD AG	\$23,281
11,522.000	ALLIED IRISH BANKS PLC	\$68,575
17,800 000	HAMAMATSU PHOTONICS KK	\$550,691
3,900.000	ENBRIDGE INC	\$155,285
167.000	HERMES INTERNATIONAL	\$88,214
16,604.000	PRUDENTIAL PLC	\$388,428
3,099.000	CARLSBERG AS B	\$355,179
1,405.000	RHEINMETALL AG	\$143,421
350.000	FANUC CORP	\$67,863
2,400 000	KANSAI PAINT CO LTD	\$60,818
1,701.000	SOCIETE GENERALE SA	\$95,110
82.000	SWATCH GROUP AG/THE BR	\$32,663
4,260.000	BNP PARIBAS	\$323,686
4,200 000	GOLAR LNG LTD	\$91,056
1,650.000	MTU AERO ENGINES AG	\$230,694
6,320.000	CAIXABANK S.A	\$32,595
4,126.000	JULIUS BAER GROUP LTD	\$230,129
2,868.000	AMADEUS IT GROUP SA	\$177,546
48,800.000	AIA GROUP LTD	\$374,428
18,500 000	ENSCO PLC CL A	\$78,625
1,691.000	OSRAM LICHT AG	\$138,679
400.000	SYSMEX CORP	\$24,641
4,294.000	SAP SE	\$449,762
1,200.000	SHIN ETSU CHEMICAL CO LTD	\$106,022
600.000	SUZUKI MOTOR CORP	\$30,125
8,300.000	MIURA CO LTD	\$187,025

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
2,118 000	GENMAB A/S	\$493,617
10,000.000	MITSUBISHI UFJ FINANCIAL GRO	\$61,248
3,011.000	JCDECAUX SA	\$98,462
389.000	SONOVA HOLDING AG REG	\$65,616
5,921.000	SAFRAN SA	\$574,351
10,001.000	SEEK LTD	\$132,866
17,601.000	TAG IMMOBILIEN AG	\$293,380
4,792.000	TOTAL SA	\$247,515
3,263.000	DSV A/S	\$231,061
175,677.000	THOMAS COOK GROUP PLC	\$284,319
3,200.000	ALIMENTATION COUCHE TARD B	\$152,196
69,316 000	OCADO GROUP PLC	\$276,705
1,862.000	GEMALTO	\$100,492
20,400.000	INFORMA PLC	\$181,508
1,800.000	RECRUIT HOLDINGS CO LTD	\$35,833
2,400 000	RYANAIR HOLDINGS PLC SP ADR	\$272,880
10,221.000	SES	\$233,374
170.000	ASML HOLDING NV NY REG SHS	\$26,573
10,157.000	ABN AMRO GROUP NV CVA	\$284,261
650,038.092	CAPITAL GUARDIAN	\$9,815,575
622,362.880	STATE STREET INSTITUTIONAL US	\$622,363
13,104.000	INTESA SANPAOLO RSP	\$41,348
6,528.000	SCHAEFFLER AG	\$91,892
2,866.000	GRIFOLS SA B	\$58,743
5,924.000	SHAFTESBURY PLC	\$76,105
21,053.000	LINK REIT	\$173,773
4,313.070	STATE STREET INSTITUTIONAL US	\$4,313
2,209.000	CONTINENTAL AG	\$497,811
40,500.000	DBS GROUP HOLDINGS LTD	\$614,956
97,002.000	GRUPO FINANCIERO BANORTE O	\$663,561
9,715 000	UNITED INTERNET AG REG SHARE	\$575,775
4,933.000	NESTLE SA REG	\$417,585
146,815.000	AIA GROUP LTD	\$1,126,467
202,852.000	CITIC SECURITIES CO LTD H	\$449,950
54,520.000	MANULIFE FINANCIAL CORP	\$1,070,773
6,994.000	BAYER AG REG	\$893,880
273,300.000	GRUPO MEXICO SAB DE CV SER B	\$903,806
16,765.000	GRIFOLS SA	\$473,383
1,600.000	KEYENCE CORP	\$832,419
5,972.000	CANADIAN PACIFIC RAILWAY LTD	\$929,243
8,435.000	RIGHTMOVE PLC	\$448,017

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
16,240.000	NOVO NORDISK A/S B	\$773,587
28,660.000	CELLNEX TELECOM SAU	\$639,396
16,750.000	DIAGEO PLC	\$559,437
4,456.000	CSL LTD	\$454,225
14,100.000	SOFTBANK GROUP CORP	\$1,143,015
66,082.000	CREDIT SUISSE GROUP AG REG	\$969,569
1,015.000	PARTNERS GROUP HOLDING AG	\$656,951
11,363.000	FRESENIUS SE + CO KGAA	\$960,388
5,640.000	ILIAD SA	\$1,454,735
2,836.000	AMOREPACIFIC CORP	\$724,342
861.000	HERMES INTERNATIONAL	\$454,804
4,601.000	SIEMENS AG REG	\$600,620
8,700.000	NIDEC CORP	\$984,935
17,816.000	TED BAKER PLC	\$572,772
111,500.000	PING AN INSURANCE GROUP CO H	\$885,424
24,831.000	ROYAL DUTCH SHELL PLC B SHS	\$691,273
13,700.000	SEVEN + I HOLDINGS CO LTD	\$543,345
15,291.000	HEXAGON AB B SHS	\$749,240
8,545.000	PANDORA A/S	\$906,957
54,600.000	CAMECO CORP	\$547,638
18,562.000	INFINEON TECHNOLOGIES AG	\$427,464
1,660.000	LVMH MOET HENNESSY LOUIS VUI	\$434,679
690.000	LG HOUSEHOLD + HEALTH CARE	\$587,442
2,390.000	ROCHE HOLDING AG GENUSSCHEIN	\$605,583
4,249.000	ESSILOR INTERNATIONAL	\$535,726
89,500.000	TECHTRONIC INDUSTRIES CO LTD	\$463,141
6,126.000	WIRECARD AG	\$521,550
6,162.000	SYMRISE AG	\$449,816
27,400.000	CYBERAGENT INC	\$894,994
43,708.000	PRUDENTIAL PLC	\$1,022,489
5,341.000	KERRY GROUP PLC A	\$496,754
113,000.000	TORAY INDUSTRIES INC	\$1,074,968
12,956.000	CARNIVAL PLC	\$897,327
4,695.000	SAFRAN SA	\$455,426
8,788.000	LONDON STOCK EXCHANGE GROUP	\$447,289
1,448,934.000	CHINA LONGYUAN POWER GROUP H	\$1,084,879
7,628.000	NXP SEMICONDUCTORS NV	\$861,659
12,100.000	TENCENT HOLDINGS LTD	\$508,647
30,288.000	LARSEN + TOUBRO GDR REG S	\$536,098
9,531.000	HDFC BANK LTD ADR	\$928,605
55,139.000	BANK MANDIRI TBK UNSPON ADR	\$539,259

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
78,125.000	ADVANCED SEMICONDUCTOR E ADR	\$476,563
7,374.000	ALIBABA GROUP HOLDING SP ADR	\$1,266,411
7,977.000	ASML HOLDING NV NY REG SHS	\$1,246,885
694,451.150	STATE STREET INSTITUTIONAL US	\$694,451
19.340	STATE STREET INSTITUTIONAL US	\$19
0.150	STATE STREET INSTITUTIONAL US	\$0
1,063.970	STATE STREET INSTITUTIONAL US	\$1,064
1,070.560	STATE STREET INSTITUTIONAL US	\$1,071
10,471.000	INVESTOR AB B SHS	\$488,985
6,739.000	MICHELIN (CGDE)	\$917,373
1,966.000	ROCHE HOLDING AG GENUSSCHEIN	\$498,149
9,642.000	WYNN RESORTS LTD	\$1,340,142
5,220.000	ASML HOLDING NV	\$809,890
8,435.000	CIE FINANCIERE RICHEMONT REG	\$752,655
74,989.000	CONVATEC GROUP PLC	\$277,223
25,304.000	DIAGEO PLC	\$845,134
464,488.000	LLOYDS BANKING GROUP PLC	\$381,973
15,100.000	OLYMPUS CORP	\$520,666
9,146.000	WEIR GROUP PLC/THE	\$211,542
42,684.000	VIVENDI	\$978,148
1,940.000	DEUTSCHE BOERSE AG	\$207,097
8,219.000	LAFARGEHOLCIM LTD REG	\$481,936
20,450.000	INDIVIOR PLC	\$109,778
573.000	LIBERTY GLOBAL PLC LILAC A	\$14,904
6,101.000	ERSTE GROUP BANK AG	\$257,462
10,937.000	JCDECAUX SA	\$357,647
8,600.000	DENTSU INC	\$359,440
5,901.000	LIBERTY GLOBAL PLC A	\$200,634
8,700.000	AMBEV SA	\$54,913
6,597.000	FRESENIUS SE + CO KGAA	\$557,571
9,528.000	SCHNEIDER ELECTRIC SE	\$767,234
7,847.000	BAYER AG REG	\$1,002,899
91,240.000	BANCO BILBAO VIZCAYA ARGENTA	\$805,103
4,397.000	LINDE AG	\$841,904
4,600.000	FANUC CORP	\$891,914
4,387.000	L OREAL	\$925,005
12,002.000	NESTLE SA REG	\$1,015,986
7,497.000	ESSILOR INTERNATIONAL	\$945,243
26,005.000	ATLAS COPCO AB A SHS	\$1,017,670
9,200.000	HOYA CORP	\$526,204
20,900.000	TOKIO MARINE HOLDINGS INC	\$833,645

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
185,326.000	TELECOM ITALIA SPA	\$177,259
7,971.000	RECKITT BENCKISER GROUP PLC	\$753,072
78,903.000	ROLLS ROYCE HOLDINGS PLC	\$929,268
10,400.000	MGM CHINA HOLDINGS LTD	\$20,836
5,268.000	LIBERTY GLOBAL PLC C	\$174,002
41,330.000	UBS GROUP AG REG	\$679,515
7,041.000	SAP SE	\$737,489
9,033.000	BARRICK GOLD CORP	\$162,504
46,484.000	GRUPO ARGOS SA	\$331,172
16,234.000	NOVO NORDISK A/S B	\$773,301
166.000	HERMES INTERNATIONAL	\$87,686
1,500.000	SMC CORP	\$513,947
10,113.000	HEINEKEN NV	\$1,059,617
677.000	LIBERTY GLOBAL PLC LILAC C	\$17,460
7,543.000	ANHEUSER BUSCH INBEV SA/NV	\$892,482
11,204.000	STATOIL ASA	\$211,699
8,814.000	PERNOD RICARD SA	\$1,202,985
3,829.000	ALLIANZ SE REG	\$818,275
17,062.000	SCHLUMBERGER LTD	\$1,083,608
91,435.000	STANDARD CHARTERED PLC	\$907,203
10,521.000	NOVARTIS AG REG	\$885,691
26,606.000	AXA SA	\$771,027
34,671.000	LAS VEGAS SANDS CORP	\$2,156,883
17,526.000	SHIRE PLC	\$865,724
90,130.000	CEMENTOS ARGOS SA	\$366,054
23,055.000	GRUPO DE INV SURAMERICANA	\$324,906
7,976.000	ALIBABA GROUP HOLDING SP ADR	\$1,369,798
10,766.000	GRUPO TELEvisa SA SPON ADR	\$278,086
16,410.000	GRUPO AVAL ACCIONES Y VALORE	\$147,526
12,985.000	BANCOLOMBIA S.A. SPONS ADR	\$589,649
25,991.000	TEVA PHARMACEUTICAL SP ADR	\$412,217
8,786.000	AMBEV SA ADR	\$55,000
1,277,370.690	STATE STREET INSTITUTIONAL US	\$1,277,371
58,479.000	TELECOM ITALIA RSP	\$45,365
312.000	GRUPO DE INV SURAMERICANA PF	\$4,263
12,890.000	GRUPO ARGOS SA PRF	\$81,416
16,199.000	LAND SECURITIES GROUP PLC	\$210,820
2,791.000	UNIBAIL RODAMCO SE	\$708,606
12,592.000	GREAT PORTLAND ESTATES PLC	\$98,245
609.000	UNIBAIL RODAMCO SE	\$154,619
131,000.000	FIBRA UNO ADMINISTRACION SA	\$234,396

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
48,683.000	GENTING BHD	\$19,152
0.010	STATE STREET INSTITUTIONAL US	\$0
1,231.690	STATE STREET INSTITUTIONAL US	\$1,232
387.460	STATE STREET INSTITUTIONAL US	\$387
33,360.000	MEDCATH CORPORATION	\$334
3,900.000	FERROGLOBE REP + WRNTY INS TRU	\$0
427.240	STATE STREET INSTITUTIONAL US	\$427
14,000.000	SPDR S+P TELECOM ETF	\$983,710
18,252.701	MSCI CAD INDEX NL CTF CADCTF	\$1,056,667
84,116.271	RUSSELL 2000 GROWTH SL CTF	\$3,300,134
11,579.000	CONSUMER DISCRETIONARY SELECT	\$1,038,173
287,217.469	MSCI EAFE INDEX CTF	\$5,593,560
53,052.000	FINANCIAL SELECT SECTOR SPDR F	\$1,310,384
148,932.527	MSCI EMERGING MARKETS FREE CTF	\$4,188,429
24,000.000	ISHARES RUSSELL MID CAP VALUE	\$1,995,600
37,439.000	SPDR S+P DIVIDEND ETF	\$3,335,066
23,400.000	TECHNOLOGY SELECT SECTOR SPDR	\$1,376,622
20,000.000	SPDR BLOOMBERG BARCLAYS TIPS E	\$1,136,800
484,365.299	PIMCO GLOBAL ADVANTAGE STRATEG	\$5,221,458
222,496.890	STATE STREET INSTITUTIONAL US	\$222,497
14,550.000	HEALTH CARE SELECT SECTOR SPDR	\$1,182,770
104,480.000	INFINEON TECHNOLOGIES AG	\$2,406,068
22,600.000	NIDEC CORP	\$2,558,568
29,000.000	ATLAS COPCO AB A SHS	\$1,134,875
9,120.000	BROADCOM LTD	\$2,298,878
23,630.000	SAFRAN SA	\$2,292,165
17,080.000	BAYER AG REG	\$2,182,938
6,620.000	KERING	\$2,481,573
5,600.000	FANUC CORP	\$1,085,808
207,500.000	SANDS CHINA LTD	\$929,269
295,300.000	AIA GROUP LTD	\$2,265,748
5,953.000	NXP SEMICONDUCTORS NV	\$672,451
62,500.000	TENCENT HOLDINGS LTD	\$2,627,309
35,928.000	QIAGEN N.V.	\$1,155,804
5,400.000	KEYENCE CORP	\$2,809,413
35,270.000	PRYSMIAN SPA	\$1,107,856
9,330.000	ALLERGAN PLC	\$2,141,048
5,410.000	ADIDAS AG	\$1,212,743
75,200.000	ALPS ELECTRIC CO LTD	\$2,063,456
37,900.000	SHIRE PLC	\$1,872,130
92,160.000	JAMES HARDIE INDUSTRIES CDI	\$1,293,080

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
15,400.000	ASML HOLDING NV NY REG SHS	\$2,407,174
14,720.000	ALIBABA GROUP HOLDING SP ADR	\$2,528,013
25,640.000	HDFC BANK LTD ADR	\$2,498,105
1,921,593.750	STATE STREET INSTITUTIONAL US	\$1,921,594
55,073.763	RIMROCK HIGH IN PLUS CAYMAN FD	\$0
8,000.000	ALLSTATE CORP	\$724,000
16,100.000	PUBLIC SERVICE ENTERPRISE GP	\$754,124
5,700.000	CABOT CORP	\$300,276
6,300.000	MORGAN STANLEY	\$286,650
40,000.000	PFIZER INC	\$1,356,800
5,700.000	STATE STREET CORP	\$527,193
14,400.000	CORNING INC	\$414,144
3,200.000	BRINKER INTERNATIONAL INC	\$99,904
2,800.000	ASSURANT INC	\$265,132
2,200.000	HILL ROM HOLDINGS INC	\$169,312
3,400.000	DOMTAR CORP	\$137,496
4,750.000	GANNETT CO INC	\$40,328
13,400.000	HP INC	\$255,672
1,325.000	DONNELLEY FINANCIAL SOLUTION	\$28,368
472.727	BRIGHTHOUSE FINANCIAL INC	\$26,979
2,200.000	AMERICAN FINANCIAL GROUP INC	\$223,982
6,900.000	UNUM GROUP	\$332,442
6,100.000	ARCHER DANIELS MIDLAND CO	\$252,052
1,900.000	ARROW ELECTRONICS INC	\$150,917
4,900.000	EASTMAN CHEMICAL CO	\$422,380
4,700.000	PNC FINANCIAL SERVICES GROUP	\$589,427
3,900.000	CARDINAL HEALTH INC	\$263,094
5,300.000	HARLEY DAVIDSON INC	\$249,153
1,800.000	CIGNA CORP	\$327,708
1,900.000	FEDEX CORP	\$407,322
14,400.000	VERIZON COMMUNICATIONS INC	\$690,768
35,800.000	FORD MOTOR CO	\$394,874
2,400.000	BUNGE LTD	\$179,112
6,600.000	PRUDENTIAL FINANCIAL INC	\$673,728
5,600.000	GAMESTOP CORP CLASS A	\$103,600
4,500.000	VIACOM INC CLASS B	\$128,700
4,400.000	CIT GROUP INC	\$197,340
12,400.000	GENERAL MOTORS CO	\$453,096
6,400.000	INTERNATIONAL PAPER CO	\$344,768
5,200.000	METLIFE INC	\$243,516
4,100.000	BROCADE COMMUNICATIONS SYS	\$50,758

BURROUGHS WELLCOME FUND**990-PF FOR 2016****FISCAL YEAR ENDED 8/31/2017****PART II LINE 10B COLUMN (B) AND (C)**

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
3,700.000	EXPRESS SCRIPTS HOLDING CO	\$232,434
2,300.000	BOEING CO/THE	\$551,218
5,800.000	ENTERGY CORP	\$459,186
7,700.000	KEYCORP	\$132,517
3,500.000	APPLIED MATERIALS INC	\$157,920
6,400.000	CVS HEALTH CORP	\$494,976
13,600.000	EXXON MOBIL CORP	\$1,038,088
5,800.000	TYSON FOODS INC CL A	\$367,140
11,300.000	EXELON CORP	\$427,931
12,900.000	HUNTSMAN CORP	\$342,753
2,700.000	SPIRIT AEROSYSTEMS HOLD CL A	\$201,150
5,100.000	AMAG PHARMACEUTICALS INC	\$85,170
6,500.000	MERCK + CO. INC.	\$415,090
7,100.000	ABBVIE INC	\$534,630
30,300.000	INTEL CORP	\$1,062,621
3,100.000	PACKAGING CORP OF AMERICA	\$348,471
5,000.000	AGCO CORP	\$342,250
8,300.000	FIRSTENERGY CORP	\$270,414
1,700.000	HELMERICH + PAYNE	\$71,978
1,000 000	RYDER SYSTEM INC	\$77,600
17,100.000	VISHAY INTERTECHNOLOGY INC	\$302,670
3,300.000	CIRRUS LOGIC INC	\$191,334
6,700.000	WELLS FARGO + CO	\$342,169
29,100.000	REGIONS FINANCIAL CORP	\$410,601
3,300.000	AMERIPRISE FINANCIAL INC	\$457,083
9,700.000	WESTERN UNION CO	\$183,524
3,700.000	TRAVELERS COS INC/THE	\$448,366
4,800.000	MACY S INC	\$99,696
3,900 000	HCA HEALTHCARE INC	\$306,774
4,100.000	ANTHEM INC	\$803,764
3,600.000	ORBITAL ATK INC	\$401,688
9,500.000	TEGNA INC	\$119,890
1,325.000	LSC COMMUNICATIONS INC	\$21,346
3,166 000	CARS.COM INC	\$81,873
2,187.000	SUPERVALU INC	\$43,718
9,400.000	VALERO ENERGY CORP	\$640,140
3,600.000	WESTERN DIGITAL CORP	\$317,772
2,400.000	INTL BUSINESS MACHINES CORP	\$343,272
3,200.000	GOLDMAN SACHS GROUP INC	\$715,968
14,100 000	JPMORGAN CHASE + CO	\$1,281,549
5,400.000	OWENS CORNING	\$400,302

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
7,800.000	DISCOVER FINANCIAL SERVICES	\$459,810
12,400.000	PILGRIM S PRIDE CORP	\$365,180
10,200.000	SEAGATE TECHNOLOGY	\$321,606
5,100.000	UNITED CONTINENTAL HOLDINGS	\$315,996
4,200.000	TE CONNECTIVITY LTD	\$334,320
17,690.000	CITIGROUP INC	\$1,203,451
2,800.000	MARATHON PETROLEUM CORP	\$146,860
13,400.000	HEWLETT PACKARD ENTERPRIS	\$242,004
9,100.000	JOHNSON + JOHNSON	\$1,204,567
9,300.000	BB+T CORP	\$428,637
2,700.000	EVEREST RE GROUP LTD	\$681,696
5,800.000	TEXTRON INC	\$284,722
2,400.000	WHIRLPOOL CORP	\$411,888
7,300.000	NATIONAL OILWELL VARCO INC	\$223,891
2,800.000	AETNA INC	\$441,560
7,500.000	CHEVRON CORP	\$807,150
4,100.000	WYNDHAM WORLDWIDE CORP	\$408,688
1,600.000	MALLINCKRODT PLC	\$65,728
2,117.000	DELL TECHNOLOGIES INC CL V	\$158,627
1,151.000	DXC TECHNOLOGY CO	\$97,835
5,675.000	XEROX CORP	\$183,132
23,900.000	AT+T INC	\$895,294
2,500.000	GILEAD SCIENCES INC	\$209,275
10,800.000	TRINITY INDUSTRIES INC	\$311,472
2,100.000	LAM RESEARCH CORP	\$348,558
2,300.000	TIMKEN CO	\$103,155
3,800.000	AMGEN INC	\$675,526
5,000.000	CAPITAL ONE FINANCIAL CORP	\$398,050
30,200.000	CISCO SYSTEMS INC	\$972,742
35,500.000	BANK OF AMERICA CORP	\$848,095
3,600.000	TARGET CORP	\$196,308
8,700.000	KOHL'S CORP	\$346,086
3,600.000	LEAR CORP	\$538,344
7,400.000	VOYA FINANCIAL INC	\$282,902
3,533.000	RR DONNELLEY + SONS CO W/I	\$32,610
205,777.870	STATE STREET INSTITUTIONAL US	\$205,778
7,600.000	HOSPITALITY PROPERTIES TRUST	\$207,936
27,800.000	LEXINGTON REALTY TRUST	\$274,108
4,900.000	MEDICAL PROPERTIES TRUST INC	\$64,484
15,200.000	SENIOR HOUSING PROP TRUST	\$299,744
7,300.000	MACK CALI REALTY CORP	\$167,097

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
6,500 000	PERFICIENT INC	\$118,950
1,100.000	HELEN OF TROY LTD	\$99,330
1,000.000	MCGRATH RENTCORP	\$40,370
20,600.000	HARSCO CORP	\$352,260
11,200.000	AMERICAN SOFTWARE INC CL A	\$123,312
23,200.000	DIODES INC	\$652,848
6,400.000	MOOG INC CLASS A	\$491,264
13,900.000	OMEGA PROTEIN CORP	\$219,620
21,005.000	MAUI LAND + PINEAPPLE CO	\$270,965
21,614.000	PROGRESS SOFTWARE CORP	\$725,798
16,500.000	STONERIDGE INC	\$273,240
2,700.000	PSYCHEMEDICS CORP	\$57,078
3,600.000	WELLCARE HEALTH PLANS INC	\$628,848
4,700.000	PARKE BANCORP INC	\$91,415
64,300 000	ACHILLION PHARMACEUTICALS	\$328,573
13,100.000	AMAG PHARMACEUTICALS INC	\$218,770
10,960.000	ORION GROUP HOLDINGS INC	\$66,198
4,300.000	LOGMEIN INC	\$491,920
600.000	WALKER + DUNLOP INC	\$28,914
7,210 000	BOISE CASCADE CO	\$216,300
15,200.000	EVERTEC INC	\$279,680
3,900.000	CYTOKINETICS INC	\$57,915
8,700 000	CALITHERA BIOSCIENCES INC	\$142,680
9,980.000	BELLICUM PHARMACEUTICALS INC	\$108,083
13,500.000	CHEMOURS CO/THE	\$662,445
57,900.000	EVERI HOLDINGS INC	\$446,409
3,900.000	REGENXBIO INC	\$88,725
5,600.000	TAILORED BRANDS INC	\$66,192
2,600.000	CAMPING WORLD HOLDINGS INC A	\$95,550
1,200.000	ANALOGIC CORP	\$85,860
8,904.000	KMG CHEMICALS INC	\$427,570
13,400.000	LA Z BOY INC	\$319,590
4,000.000	MDC HOLDINGS INC	\$125,000
1,500.000	SANDERSON FARMS INC	\$221,280
17,400.000	SHILOH INDUSTRIES INC	\$152,424
1,200 000	FAIR ISAAC CORP	\$168,912
2,400.000	FERRO CORP	\$46,248
20,900.000	AMERICAN AXLE + MFG HOLDINGS	\$305,349
9,100 000	SPX CORP	\$219,310
300.000	MAGELLAN HEALTH INC	\$24,270
16,900 000	ULTRA CLEAN HOLDINGS INC	\$389,883

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
14,000.000	FONAR CORP	\$414,400
17,109.000	IDT CORP CLASS B	\$251,673
2,175.000	CARDIOVASCULAR SYSTEMS INC	\$63,880
3,100.000	QUAD GRAPHICS INC	\$59,086
6,800.000	INDEPENDENT BANK CORP MICH	\$138,720
46,300.000	CEMPRA INC	\$141,215
28,100.000	BLUCORA INC	\$640,680
29,700.000	AUTOBYTEL INC	\$215,622
31,100.000	PACIFIC ETHANOL INC	\$155,500
13,100.000	PLY GEM HOLDINGS INC	\$203,705
51,500.000	ENDURANCE INTERNATIONAL GROU	\$396,550
17,400.000	ARCBEST CORP	\$516,780
27,273.000	IMMUNE DESIGN CORP	\$295,912
52,430.000	PFENEX INC	\$189,272
26,242.000	LANTHEUS HOLDINGS INC	\$459,235
1,800.000	RMR GROUP INC/THE A	\$92,970
7,700.000	EDITAS MEDICINE INC	\$162,547
34,300.000	ADVERUM BIOTECHNOLOGIES INC	\$94,325
3,300.000	PENN VIRGINIA CORP	\$127,050
8,300.000	ICHOR HOLDINGS LTD	\$189,904
3,000.000	FRESH DEL MONTE PRODUCE INC	\$140,970
5,700.000	GRAY TELEVISION INC	\$81,510
600.000	UTAH MEDICAL PRODUCTS INC	\$43,290
77,100.000	ZIX CORP	\$409,401
4,400.000	TECH DATA CORP	\$485,276
16,400.000	RUSH ENTERPRISES INC CL A	\$672,236
13,300.000	KIRKLAND S INC	\$153,349
3,000.000	AMERICAN EQUITY INVT LIFE HL	\$83,280
5,900.000	NUTRISYSTEM INC	\$320,370
28,600.000	PDL BIOPHARMA INC	\$89,232
2,700.000	COMMVault SYSTEMS INC	\$164,835
3,900.000	TRIPLE S MANAGEMENT CORP B	\$96,369
200.000	LIGAND PHARMACEUTICALS	\$25,774
4,500.000	INSPERITY INC	\$361,350
20,100.000	FRANCESCAS HOLDINGS CORP	\$145,926
14,500.000	BLOOMIN BRANDS INC	\$246,645
41,700.000	THIRD POINT REINSURANCE LTD	\$585,885
3,800.000	BARRACUDA NETWORKS INC	\$91,998
12,700.000	DHI GROUP INC	\$24,765
3,600.000	TOPBUILD CORP	\$213,660
8,300.000	RH	\$388,357

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
43,100.000	ULTRA PETROLEUM CORP	\$335,749
4,100.000	AEROJET ROCKETDYNE HOLDINGS	\$121,483
15,800.000	OMNOVA SOLUTIONS INC	\$137,460
30,500.000	LOUISIANA PACIFIC CORP	\$777,140
3,600.000	FLUSHING FINANCIAL CORP	\$98,424
8,400.000	KENNAMETAL INC	\$294,000
41,800.000	PIER 1 IMPORTS INC	\$175,142
1,500.000	STEPAN CO	\$116,040
600.000	BIOSPECIFICS TECHNOLOGIES	\$28,290
3,400.000	CAMBREX CORP	\$177,140
2,200.000	ROGERS CORP	\$260,810
28,100.000	PROGENICS PHARMACEUTICALS	\$189,113
1,500.000	MICROSTRATEGY INC CL A	\$193,500
6,500.000	NEKTAR THERAPEUTICS	\$136,695
10,800.000	RUTH S HOSPITALITY GROUP INC	\$211,140
2,500.000	GENOMIC HEALTH INC	\$79,250
7,800.000	K12 INC	\$139,776
14,500.000	HILLENBRAND INC	\$518,375
21,847.000	HALLADOR ENERGY CO	\$126,713
14,500.000	KEMET CORP	\$346,695
3,426.000	CHEMOCENTRYX INC	\$23,776
3,300.000	HYSTER YALE MATERIALS	\$234,894
19,900.000	RADIANT LOGISTICS INC	\$100,495
10,000.000	PTC THERAPEUTICS INC	\$207,500
10,400.000	ESSENT GROUP LTD	\$406,432
4,000.000	SP PLUS CORP	\$147,600
21,900.000	AKEBIA THERAPEUTICS INC	\$366,606
2,284.000	RCI HOSPITALITY HOLDINGS INC	\$53,217
10,600.000	PARATEK PHARMACEUTICALS INC	\$298,920
7,700.000	FIBROGEN INC	\$371,140
1,900.000	ATLANTICA YIELD PLC	\$39,444
7,300.000	FLOOR + DECOR HOLDINGS INC A	\$262,362
1,300.000	BIG LOTS INC	\$61,880
134,352.000	NETWORK 1 TECHNOLOGIES INC	\$510,538
3,100.000	TENNECO INC	\$168,020
2,100.000	BOSTON BEER COMPANY INC A	\$312,900
7,700.000	HAWAIIAN HOLDINGS INC	\$329,945
10,100.000	MOLINA HEALTHCARE INC	\$646,400
1,900.000	LEMAITRE VASCULAR INC	\$69,160
10,600.000	ARGAN INC	\$671,510
36,700.000	CELLEX THERAPEUTICS INC	\$90,282

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
12,600.000	BRIDGEPOINT EDUCATION INC	\$111,258
10,800.000	CENTRAL PACIFIC FINANCIAL CO	\$313,200
30,900 000	MAGICJACK VOCALTEC LTD	\$227,115
2,800.000	SANMINA CORP	\$104,860
59,400.000	OPHTHOTECH CORP	\$184,140
3,400.000	MALIBU BOATS INC A	\$91,698
13,700 000	TOWNSQUARE MEDIA INC CL A	\$136,726
9,900 000	INTERSECT ENT INC	\$305,910
45,100.000	TRAVELPORT WORLDWIDE LTD	\$682,814
5,400.000	DERMIRA INC	\$127,386
25,600.000	OM ASSET MANAGEMENT PLC	\$361,728
19,582.000	CYTOMX THERAPEUTICS INC	\$338,377
6,100.000	COTIVITI HOLDINGS INC	\$217,953
28,320 000	J. JILL INC	\$274,987
2,400 000	ALAMO GROUP INC	\$220,224
13,400.000	ALLSCRIPTS HEALTHCARE SOLUTI	\$176,076
1,200.000	AMERICAN WOODMARK CORP	\$99,360
4,100.000	BARRETT BUSINESS SVCS INC	\$211,478
10,500.000	CIRRUS LOGIC INC	\$608,790
13,700.000	FINISH LINE/THE CL A	\$114,121
6,100.000	ADVANCED ENERGY INDUSTRIES	\$448,594
9,000.000	MKS INSTRUMENTS INC	\$741,150
1,300.000	BRINKER INTERNATIONAL INC	\$40,586
7,827.000	TEXAS ROADHOUSE INC	\$371,391
1,400.000	LHC GROUP INC	\$91,350
16,100.000	VANDA PHARMACEUTICALS INC	\$276,920
5,800.000	CENTRAL GARDEN AND PET CO A	\$197,722
28,854.000	WEB.COM GROUP INC	\$730,006
2,500.000	COOPER STANDARD HOLDING	\$251,450
1,800.000	YELP INC	\$76,680
1,600.000	REGIONAL MANAGEMENT CORP	\$35,120
6,500.000	POPULAR INC	\$259,415
28,700.000	TAYLOR MORRISON HOME CORP A	\$580,314
47,575.000	CHIMERIX INC	\$226,457
11,900 000	CONTINENTAL BUILDING PRODUCT	\$289,765
2,600.000	VERSARTIS INC	\$49,400
13,957.000	VECTRUS INC	\$398,891
12,000.000	INC RESEARCH HOLDINGS INC A	\$704,400
5,500.000	NOVOCURE LTD	\$112,750
3,800.000	MYOKARDIA INC	\$164,730
1,700.000	RA PHARMACEUTICALS INC	\$25,517

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
15,000.000	ARENA PHARMACEUTICALS INC	\$347,700
16,700.000	ENTEGRIS INC	\$425,015
5,800.000	SCHULMAN (A.) INC	\$176,320
34,800.000	VISHAY INTERTECHNOLOGY INC	\$615,960
30,514.000	ULTRALIFE CORP	\$198,341
23,800.000	EXTREME NETWORKS INC	\$272,034
3,800.000	PROASSURANCE CORP	\$202,350
34,500.000	GOLDFIELD CORP	\$153,525
5,705.000	SHORE BANCSHARES INC	\$94,075
2,900.000	ASBURY AUTOMOTIVE GROUP	\$156,165
3,600.000	CUTERA INC	\$133,740
1,600.000	CAPELLA EDUCATION CO	\$107,760
4,100.000	INTERDIGITAL INC	\$292,535
9,300 000	MASIMO CORP	\$784,734
18,415.000	HERITAGE CRYSTAL CLEAN INC	\$359,093
6,200 000	INTL FCSTONE INC	\$220,038
3,500.000	CLOVIS ONCOLOGY INC	\$266,245
6,400.000	PORTOLA PHARMACEUTICALS INC	\$406,080
11,400.000	NEW HOME CO INC/THE	\$117,648
4,400.000	SPOK HOLDINGS INC	\$73,700
8,400.000	PRA HEALTH SCIENCES INC	\$650,160
25,900.000	NUVECTRA CORP	\$279,461
11,900.000	PINNACLE ENTERTAINMENT INC	\$232,050
4,600.000	VAREX IMAGING CORP	\$140,438
31,109.000	CENTURY CASINOS INC	\$213,097
6,500.000	CURTISS WRIGHT CORP	\$629,330
2,700.000	WABASH NATIONAL CORP	\$56,754
10,600 000	METHODE ELECTRONICS INC	\$433,540
6,800.000	AAR CORP	\$245,208
540.000	COHERENT INC	\$125,993
23,800.000	CONSUMER PORTFOLIO SERVICES	\$93,534
1,600.000	HAEMONETICS CORP/MASS	\$68,832
1,500 000	NANOMETRICS INC	\$38,685
4,700 000	CALLAWAY GOLF COMPANY	\$65,518
13,900.000	TTM TECHNOLOGIES	\$197,936
8,800 000	KB HOME	\$188,320
15,800.000	VERINT SYSTEMS INC	\$627,260
8,800.000	BROOKS AUTOMATION INC	\$229,416
37,000.000	COMMERCIAL VEHICLE GROUP INC	\$219,780
43,500 000	INFINITY PHARMACEUTICALS INC	\$41,412
2,500.000	SHUTTERFLY INC	\$113,950

BURROUGHS WELLCOME FUND

990-PF FOR 2016

FISCAL YEAR ENDED 8/31/2017

PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
9,700.000	HILLTOP HOLDINGS INC	\$229,599
15,807.000	TRUEBLUE INC	\$323,253
11,900.000	ZAGG INC	\$149,940
11,700.000	REALPAGE INC	\$504,270
5,626.000	NORTHEAST BANCORP	\$121,522
3,400.000	CUSTOMERS BANCORP INC	\$95,812
15,100.000	BEAZER HOMES USA INC	\$225,141
13,469.000	GLOBAL BRASS + COPPER HOLDIN	\$402,050
12,000.000	CONATUS PHARMACEUTICALS INC	\$68,880
62,533.000	APPLIED GENETIC TECHNOLOGIES	\$287,652
800.000	FS BANCORP INC	\$40,024
16,200.000	INOVIO PHARMACEUTICALS INC	\$96,228
11,100.000	MERIDIAN BANCORP INC	\$195,360
3,900.000	BLUEPRINT MEDICINES CORP	\$211,458
3,100.000	SYNDAX PHARMACEUTICALS INC	\$35,960
5,400.000	RR DONNELLEY + SONS CO W/I	\$49,842
12,400.000	ASPEN INSURANCE HOLDINGS LTD	\$560,480
4,700.000	ANGIODYNAMICS INC	\$80,041
410,796.260	STATE STREET INSTITUTIONAL US	\$410,796
15,100.000	AMERICAN ASSETS TRUST INC	\$613,362
23,900.000	TANGER FACTORY OUTLET CENTER	\$559,260
4,600.000	UMH PROPERTIES INC	\$72,772
4,100.000	QTS REALTY TRUST INC CL A	\$222,138
6,625.000	RYMAN HOSPITALITY PROPERTIES	\$393,658
1,500.000	MEDEQUITIES REALTY TRUST INC	\$17,205
4,000.000	CORESITE REALTY CORP	\$475,040
18,683.000	RUDOLPH TECHNOLOGIES INC	\$414,763
8,779.000	WINTRUST FINANCIAL CORP	\$639,199
11,865.000	GREENBRIER COMPANIES INC	\$509,009
38,064.000	VISHAY INTERTECHNOLOGY INC	\$673,733
39,425.000	DARLING INGREDIENTS INC	\$685,995
6,480.000	DECKERS OUTDOOR CORP	\$414,072
5,134.000	STIFEL FINANCIAL CORP	\$245,149
5,920.000	GENESCO INC	\$125,208
24,985.000	PHOTRONICS INC	\$197,382
11,935.000	CECO ENVIRONMENTAL CORP	\$89,154
4,680.000	PEAPACK GLADSTONE FINL CORP	\$142,600
9,852.000	EMERGENT BIOSOLUTIONS INC	\$367,775
11,623.000	EMPLOYERS HOLDINGS INC	\$489,909
36,346.000	RPX CORP	\$474,679
2,474.000	GREAT SOUTHERN BANCORP INC	\$123,205

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
4,625 000	ANALOGIC CORP	\$330,919
8,341.000	PENN NATIONAL GAMING INC	\$185,087
8,917 000	SELECTIVE INSURANCE GROUP	\$449,417
8,674.000	SOUTHWEST GAS HOLDINGS INC	\$689,756
14,952.000	MYRIAD GENETICS INC	\$455,886
27,448.000	TRUSTCO BANK CORP NY	\$216,839
5,394 000	BANCFIRST CORP	\$271,858
4,352.000	PEOPLES BANCORP INC	\$135,173
31,440.000	TTM TECHNOLOGIES	\$447,706
23,148.000	KB HOME	\$495,367
16,741.000	PNM RESOURCES INC	\$709,818
4,565.000	ENPRO INDUSTRIES INC	\$321,696
10,494.000	KOPPERS HOLDINGS INC	\$411,365
14,628.000	PORTLAND GENERAL ELECTRIC CO	\$694,976
18,325 000	SUCAMPO PHARMACEUTICALS CL A	\$215,319
8,745.000	ARGO GROUP INTERNATIONAL	\$526,449
27,236.000	DANA INC	\$655,571
5,208.000	RSP PERMIAN INC	\$163,427
38,531.000	TRAVELPORT WORLDWIDE LTD	\$583,359
17,563.000	CATHAY GENERAL BANCORP	\$619,447
11,980.000	KIMBALL INTERNATIONAL B	\$203,181
19,448.000	LUMINEX CORP	\$375,930
8,130.000	NATUS MEDICAL INC	\$273,168
9,256.000	CHART INDUSTRIES INC	\$312,297
13,929.000	KRATON CORP	\$457,289
23,437.000	RENEWABLE ENERGY GROUP INC	\$283,588
6,292 000	PDC ENERGY INC	\$247,464
16,096.000	INNOVIVA INC	\$225,988
12,940.000	PHIBRO ANIMAL HEALTH CORP A	\$459,370
3,613.000	ORTHOFIX INTERNATIONAL NV	\$177,796
31,676.000	GRAY TELEVISION INC	\$452,967
6,895.000	COLUMBUS MCKINNON CORP/NY	\$227,742
17,227.000	COHU INC	\$323,179
4,055.000	S + T BANCORP INC	\$145,737
71,280.000	MCDERMOTT INTL INC	\$437,659
13,477.000	RUSH ENTERPRISES INC CL A	\$552,422
2,195.000	SAFETY INSURANCE GROUP INC	\$156,723
21,188.000	HIBBETT SPORTS INC	\$260,612
8,578.000	FIRST INTERSTATE BANCOSYS A	\$301,946
17,206.000	UNITED COMMUNITY BANKS/GA	\$449,249
13,990.000	CUSTOMERS BANCORP INC	\$394,238

BURROUGHS WELLCOME FUND**990-PF FOR 2016****FISCAL YEAR ENDED 8/31/2017****PART II LINE 10B COLUMN (B) AND (C)**

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
9,681.000	GLOBAL BRASS + COPPER HOLDIN	\$288,978
14,978.000	NMI HOLDINGS INC CLASS A	\$162,511
21,481 000	ARCBEST CORP	\$637,986
23,528.000	INVESTORS BANCORP INC	\$307,982
1,991.000	TRINSEO SA	\$133,198
6,037.000	FINANCIAL INSTITUTIONS INC	\$164,206
6,849.000	SCHULMAN (A.) INC	\$208,210
23,796.000	WABASH NATIONAL CORP	\$500,192
17,669.000	LOUISIANA PACIFIC CORP	\$450,206
5,559.000	CITY HOLDING CO	\$352,051
6,342.000	SANDY SPRING BANCORP INC	\$244,611
6,092.000	TRICO BANCSHARES	\$216,753
6,672.000	MINERALS TECHNOLOGIES INC	\$427,008
4,719.000	BRINK S CO/THE	\$370,206
8,806.000	HEARTLAND FINANCIAL USA INC	\$400,673
6,052.000	NELNET INC CL A	\$287,046
3,929 000	MAGELLAN HEALTH INC	\$317,856
15,737.000	HANMI FINANCIAL CORPORATION	\$420,178
26,929.000	ROWAN COMPANIES PLC A	\$262,558
10,213.000	TRONOX LTD CL A	\$211,307
8,186.000	ENANTA PHARMACEUTICALS INC	\$350,852
46,735.000	PACIFIC ETHANOL INC	\$233,675
8,798.000	HCI GROUP INC	\$343,034
7,810.000	HERMAN MILLER INC	\$262,807
14,602.000	OMNOVA SOLUTIONS INC	\$127,037
17,806.000	BENCHMARK ELECTRONICS INC	\$578,695
24,532 000	CALLON PETROLEUM CO	\$254,152
11,510.000	EL PASO ELECTRIC CO	\$639,381
8,762 000	EMCOR GROUP INC	\$578,642
7,192 000	MOOG INC CLASS A	\$552,058
6,355 000	STEPAN CO	\$491,623
3,357.000	ANIKA THERAPEUTICS INC	\$180,271
7,300.000	CARRIZO OIL + GAS INC	\$98,112
11,902 000	NAVIGANT CONSULTING INC	\$182,458
38,712.000	UMPQUA HOLDINGS CORP	\$677,460
9,959.000	NORTHWESTERN CORP	\$600,727
22,317.000	HILLTOP HOLDINGS INC	\$528,243
13,712 000	K12 INC	\$245,719
5,231.000	COOPER STANDARD HOLDING	\$526,134
7,383.000	US SILICA HOLDINGS INC	\$200,891
8,580 000	AMERICAN PUBLIC EDUCATION	\$158,301

BURROUGHS WELLCOME FUND**990-PF FOR 2016****FISCAL YEAR ENDED 8/31/2017****PART II LINE 10B COLUMN (B) AND (C)**

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
21,266.000	ENTEGRIS INC	\$541,220
20,419.000	BANCORPSOUTH INC	\$593,172
20,467.000	DIODES INC	\$575,941
8,393.000	FIDELITY SOUTHERN CORP	\$183,471
8,743.000	MERIT MEDICAL SYSTEMS INC	\$361,086
30,589.000	NEWPARK RESOURCES INC	\$246,241
3,956.000	CHILDREN S PLACE INC/THE	\$419,929
3,344.000	ROGERS CORP	\$396,431
9,040.000	SCANSOURCE INC	\$354,820
23,557.000	CONVERGYS CORP	\$553,590
18,351.000	ALLSCRIPTS HEALTHCARE SOLUTI	\$241,132
8,786.000	HAWAIIAN HOLDINGS INC	\$376,480
10,880.000	ANGIODYNAMICS INC	\$185,286
24,635.000	TRUEBLUE INC	\$503,786
32,057.000	CNO FINANCIAL GROUP INC	\$716,474
38,989.000	EXPRESS INC	\$248,360
6,821.000	INDEPENDENT BANK CORP MICH	\$139,148
10,472.000	WALKER + DUNLOP INC	\$504,646
16,358.000	CENTRAL PACIFIC FINANCIAL CO	\$474,382
8,513.000	BANNER CORPORATION	\$469,237
7,776.000	PREFERRED BANK/LOS ANGELES	\$418,349
2,476.000	HYSTER YALE MATERIALS	\$176,242
16,214.000	BOISE CASCADE CO	\$486,420
26,784.000	DEAN FOODS CO	\$294,624
7,136.000	PATTERN ENERGY GROUP INC	\$179,256
20,029.000	WASHINGTON FEDERAL INC	\$625,906
3,092.000	FIRST DEFIANCE FINL CORP	\$151,384
8,139.000	HERITAGE FINANCIAL CORP	\$212,835
6,926.000	1ST SOURCE CORP	\$323,236
13,999.000	PROGRESS SOFTWARE CORP	\$470,086
22,056.000	AMERICAN EQUITY INVT LIFE HL	\$612,275
36,989.000	ACCO BRANDS CORP	\$405,030
5,561.000	KAISER ALUMINUM CORP	\$535,636
20,268.000	AIRCASTLE LTD	\$454,409
6,879.000	TRIPLE S MANAGEMENT CORP B	\$169,980
16,630.000	HOMESTREET INC	\$419,908
5,645.000	KLX INC	\$270,621
13,802.000	EXTERRAN CORP	\$382,867
8,853.000	INTEGER HOLDINGS CORP	\$406,795
10,409.000	TIER REIT INC	\$191,630
3,116.000	SAUL CENTERS INC	\$188,830

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
20,066.000	FIRST INDUSTRIAL REALTY TR	\$621,645
18,060.000	PEBBLEBROOK HOTEL TRUST	\$606,635
28,940.000	PREFERRED APARTMENT COMMUN A	\$526,419
16,526.000	SELECT INCOME REIT	\$383,568
8,352.000	DCT INDUSTRIAL TRUST INC	\$487,339
28,673.000	XENIA HOTELS + RESORTS INC	\$572,313
21,335.000	CHESAPEAKE LODGING TRUST	\$545,963
4,341.000	EPR PROPERTIES	\$302,394
24,434.000	MACK CALI REALTY CORP	\$559,294
13,745.000	AMERICAN ASSETS TRUST INC	\$558,322
23,460.000	ASHFORD HOSPITALITY PRIME IN	\$225,685
4,000.000	INTUIT INC	\$565,800
2,300.000	M + T BANK CORP	\$340,078
7,400.000	AMEREN CORPORATION	\$443,926
5,800.000	CMS ENERGY CORP	\$281,532
400.000	HUMANA INC	\$103,048
7,400.000	P G + E CORP	\$520,812
5,000.000	ARCH CAPITAL GROUP LTD	\$486,700
3,100.000	BROWN + BROWN INC	\$139,376
4,400.000	JACK HENRY + ASSOCIATES INC	\$453,508
4,300.000	OMNICOM GROUP	\$311,234
9,000.000	WAL MART STORES INC	\$702,630
500.000	STATE STREET CORP	\$46,245
300.000	COLGATE PALMOLIVE CO	\$21,492
1,600.000	SUNTRUST BANKS INC	\$88,160
3,600.000	UNITEDHEALTH GROUP INC	\$716,040
7,800.000	AMDOCS LTD	\$505,362
2,300.000	CONSTELLATION BRANDS INC A	\$460,230
5,200.000	BUNGE LTD	\$388,076
3,500.000	3M CO	\$715,120
2,700.000	JM SMUCKER CO/THE	\$282,852
11,700.000	CENTERPOINT ENERGY INC	\$346,554
1,600.000	MORNINGSTAR INC	\$132,320
500.000	FIDELITY NATIONAL INFO SERV	\$46,460
3,400.000	TRAVELERS COS INC/THE	\$412,012
7,300.000	CINEMARK HOLDINGS INC	\$243,017
4,100.000	MACQUARIE INFRASTRUCTURE COR	\$305,368
6,000.000	CDK GLOBAL INC	\$387,000
171.000	ALPHABET INC CL C	\$160,625
7,400.000	YUM CHINA HOLDINGS INC	\$261,664
1,800.000	TELEFLEX INC	\$381,150

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10B COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
200.000	EXPEDITORS INTL WASH INC	\$11,220
5,400.000	EDISON INTERNATIONAL	\$432,972
1,800.000	EVEREST RE GROUP LTD	\$454,464
200.000	ALLEGHANY CORP	\$112,554
5,400.000	ALLSTATE CORP	\$488,700
2,100.000	LOCKHEED MARTIN CORP	\$641,319
3,800.000	ANSYS INC	\$489,516
3,400.000	ATMOS ENERGY CORP	\$299,336
200.000	TUPPERWARE BRANDS CORP	\$11,574
5,100.000	HONEYWELL INTERNATIONAL INC	\$705,177
400.000	CVS HEALTH CORP	\$30,936
2,200.000	KIMBERLY CLARK CORP	\$271,238
7,100.000	JOHNSON + JOHNSON	\$939,827
4,700.000	MCDONALD S CORP	\$751,859
500.000	AMERICAN EXPRESS CO	\$43,050
2,400.000	ECOLAB INC	\$319,920
1,000.000	CR BARD INC	\$320,810
9,700.000	STARBUCKS CORP	\$532,142
1,200.000	NASDAQ INC	\$90,456
2,100.000	RAYTHEON COMPANY	\$382,221
3,100.000	ZIMMER BIOMET HOLDINGS INC	\$354,237
6,800.000	CARNIVAL CORP	\$472,464
10.000	PRICELINE GROUP INC/THE	\$18,521
3,200 000	HANOVER INSURANCE GROUP INC/	\$314,176
3,600.000	BROADRIDGE FINANCIAL SOLUTIO	\$281,268
5,300 000	VALIDUS HOLDINGS LTD	\$265,795
2,000.000	LIONS GATE ENTERTAINMENT A	\$59,460
1,800.000	ROYAL CARIBBEAN CRUISES LTD	\$224,028
800.000	ERIE INDEMNITY COMPANY CL A	\$96,632
4,300.000	PROGRESSIVE CORP	\$199,864
650.000	AMAZON.COM INC	\$637,390
6,300.000	CONSOLIDATED EDISON INC	\$530,901
1,600.000	THERMO FISHER SCIENTIFIC INC	\$299,424
12,600.000	COPART INC	\$411,894
1,600.000	APPLIED MATERIALS INC	\$72,192
300.000	VARIAN MEDICAL SYSTEMS INC	\$31,875
8,800.000	PROCTER + GAMBLE CO/THE	\$811,976
7,300.000	BAXTER INTERNATIONAL INC	\$452,892
200 000	CADENCE DESIGN SYS INC	\$7,858
2,900.000	CARDINAL HEALTH INC	\$195,634
200.000	HERSHEY CO/THE	\$20,984

BURROUGHS WELLCOME FUND**990-PF FOR 2016****FISCAL YEAR ENDED 8/31/2017****PART II LINE 10B COLUMN (B) AND (C)**

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
3,300.000	CARLISLE COS INC	\$312,477
4,400.000	EXELON CORP	\$166,628
11,600.000	US BANCORP	\$594,500
500.000	MARKETAXESS HOLDINGS INC	\$96,475
5,100.000	DR PEPPER SNAPPLE GROUP INC	\$464,355
3,800.000	ACCENTURE PLC CL A	\$496,888
200.000	PILGRIM S PRIDE CORP	\$5,890
1,300.000	FACEBOOK INC A	\$223,561
600.000	PREMIER INC CLASS A	\$20,100
1,100.000	MATCH GROUP INC	\$23,925
10,400.000	ARAMARK	\$423,176
6,800.000	MEDTRONIC PLC	\$548,216
6,142.000	COMMERCE BANCSHARES INC	\$337,749
3,000.000	RENAISSANCERE HOLDINGS LTD	\$417,480
5,600.000	DARDEN RESTAURANTS INC	\$459,704
7,200.000	FIRSTENERGY CORP	\$234,576
3,000.000	LANDSTAR SYSTEM INC	\$280,050
2,400.000	CRANE CO	\$178,152
3,000.000	GENERAL DYNAMICS CORP	\$604,050
3,200.000	LOWE S COS INC	\$236,448
2,600.000	CIGNA CORP	\$473,356
3,200.000	BOEING CO/THE	\$766,912
1,100.000	PRUDENTIAL FINANCIAL INC	\$112,288
4,700.000	ASPEN INSURANCE HOLDINGS LTD	\$212,440
4,700.000	BANK OF NEW YORK MELLON CORP	\$245,716
200.000	IAC/INTERACTIVECORP	\$22,702
4,100.000	AON PLC	\$570,556
3,300.000	ORBITAL ATK INC	\$368,214
1,800.000	NORTHROP GRUMMAN CORP	\$489,978
4,800.000	DTE ENERGY COMPANY	\$539,136
2,900.000	HOLOGIC INC	\$111,940
1,900.000	HENRY SCHEIN INC	\$329,992
7,800.000	ARTHUR J GALLAGHER + CO	\$451,620
7,450.000	UGI CORP	\$368,105
2,600.000	BECTON DICKINSON AND CO	\$518,544
2,900.000	HOME DEPOT INC	\$434,623
7,600.000	MARSH + MCLENNAN COS	\$593,408
3,800.000	ADOBE SYSTEMS INC	\$589,608
6,000.000	TYSON FOODS INC CL A	\$379,800
6,100.000	DANAHER CORP	\$508,862
8,300.000	VERIZON COMMUNICATIONS INC	\$398,151

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
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	MASTERCARD INC A	\$453,220
3,600.000	FIRST AMERICAN FINANCIAL	\$176,616
900.000	INTERCONTINENTAL EXCHANGE IN	\$58,203
1,000.000	ANTHEM INC	\$196,040
820 000	ALPHABET INC CL A	\$783,297
500.000	F5 NETWORKS INC	\$59,690
250 000	WHITE MOUNTAINS INSURANCE GP	\$217,768
3,300.000	ENTERGY CORP	\$261,261
1,800.000	COOPER COS INC/THE	\$451,494
100.000	METTLER TOLEDO INTERNATIONAL	\$60,509
10,200.000	CONAGRA BRANDS INC	\$331,092
18,500.000	PFIZER INC	\$627,520
4,600.000	INTL BUSINESS MACHINES CORP	\$657,938
9,500.000	SYSCO CORP	\$500,365
10,700 000	INTEL CORP	\$375,249
6,300.000	PEPSICO INC	\$729,099
1,800 000	MANPOWERGROUP INC	\$200,718
900.000	MCCORMICK + CO NON VTG SHRS	\$85,617
1,200.000	PRINCIPAL FINANCIAL GROUP	\$75,024
6,400 000	REGAL ENTERTAINMENT GROUP A	\$94,528
1,700.000	AXIS CAPITAL HOLDINGS LTD	\$102,408
11,500.000	CA INC	\$381,570
10,200.000	MERCK + CO. INC.	\$651,372
1,300 000	BERKSHIRE HATHAWAY INC CL B	\$235,508
5,100.000	MOTOROLA SOLUTIONS INC	\$449,412
2,200.000	HUNTINGTON INGALLS INDUSTRIE	\$470,712
2,200.000	POPULAR INC	\$87,802
3,500.000	INGREDION INC	\$433,370
5,600 000	PINNACLE FOODS INC	\$332,136
400 000	CABLE ONE INC	\$303,496
4,200.000	YUM BRANDS INC	\$322,644
4,100.000	STRYKER CORP	\$579,617
5,000.000	KELLOGG CO	\$327,300
900.000	NEWMONT MINING CORP	\$34,506
4,600.000	AMERICAN FINANCIAL GROUP INC	\$468,326
3,200.000	CLOROX COMPANY	\$443,296
1,400 000	TORCHMARK CORP	\$107,758
8,200.000	TEXAS INSTRUMENTS INC	\$679,124
5,400.000	ELI LILLY + CO	\$438,966
6,900.000	WASTE MANAGEMENT INC	\$532,059
1,100.000	UNITED PARCEL SERVICE CL B	\$125,796

BURROUGHS WELLCOME FUND**990-PF FOR 2016****FISCAL YEAR ENDED 8/31/2017****PART II LINE 10B COLUMN (B) AND (C)**

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
4,600.000	GENERAL MILLS INC	\$244,996
1,500.000	FEDEX CORP	\$321,570
2,800.000	FISERV INC	\$346,388
100.000	KLA TENCOR CORP	\$9,369
3,100.000	MAXIM INTEGRATED PRODUCTS	\$144,646
6,900.000	CAMPBELL SOUP CO	\$318,780
7,300.000	VECTREN CORP	\$478,953
7,600.000	REPUBLIC SERVICES INC	\$495,824
10,000.000	COMCAST CORP CLASS A	\$406,100
20,700.000	AT+T INC	\$775,422
7,700.000	GENPACT LTD	\$219,065
7,600.000	AMERICAN ELECTRIC POWER	\$559,588
1,600.000	STERICYCLE INC	\$115,024
13,200.000	MICROSOFT CORP	\$986,964
10,100.000	ORACLE CORP	\$508,333
6,700.000	SYNOPSYS INC	\$538,814
300.000	C.H. ROBINSON WORLDWIDE INC	\$21,189
4,300.000	HILL ROM HOLDINGS INC	\$330,928
8,000.000	BGC PARTNERS INC CL A	\$103,920
1,100.000	LYONDELLBASELL INDU CL A	\$99,649
100.000	SPECTRUM BRANDS HOLDINGS INC	\$10,996
700.000	EXPRESS SCRIPTS HOLDING CO	\$43,974
8,500.000	SYNOVUS FINANCIAL CORP	\$358,020
1,700.000	CHURCH + DWIGHT CO INC	\$85,289
78,219.880	STATE STREET INSTITUTIONAL US	\$78,220
3,900.000	VENTAS INC	\$266,916
5,400.000	EQUITY COMMONWEALTH	\$167,076
343.000	MID AMERICA APARTMENT COMM	\$36,516
10,100.000	CHIMERA INVESTMENT CORP	\$192,607
13,700.000	AGNC INVESTMENT CORP	\$295,098
1,300.000	LIBERTY PROPERTY TRUST	\$55,380
9,400.000	PIEDMONT OFFICE REALTY TRU A	\$190,350
8,400.000	HOSPITALITY PROPERTIES TRUST	\$229,824
1,000.000	ESSEX PROPERTY TRUST INC	\$265,970
1,900.000	PROLOGIS INC	\$120,384
4,900.000	WP CAREY INC	\$337,365
1,100.000	WELLTOWER INC	\$80,542
12,300.000	SENIOR HOUSING PROP TRUST	\$242,556
33,000.000	MFA FINANCIAL INC	\$289,740
6,200.000	CORPORATE OFFICE PROPERTIES	\$206,832
36,300.000	ANNALY CAPITAL MANAGEMENT IN	\$453,750

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
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	AVALONBAY COMMUNITIES INC	\$281,595
10,700.000	APPLE HOSPITALITY REIT INC	\$194,526
4,700.000	EQUITY LIFESTYLE PROPERTIES	\$419,005
6,962.000	ROPER TECHNOLOGIES INC	\$1,605,855
12,640.000	ADOBE SYSTEMS INC	\$1,961,222
21,068.000	VISA INC CLASS A SHARES	\$2,180,959
9,925.000	NXP SEMICONDUCTORS NV	\$1,121,128
9,572.000	INTUIT INC	\$1,353,959
14,646.000	ESTEE LAUDER COMPANIES CL A	\$1,566,976
7,867.000	FLEETCOR TECHNOLOGIES INC	\$1,131,039
11,987.000	WABTEC CORP	\$845,923
10,794.000	DEXCOM INC	\$805,340
11,123.000	FACEBOOK INC A	\$1,912,822
21,401.000	FORTIVE CORP	\$1,390,423
17,634.000	STARBUCKS CORP	\$967,401
1,757.000	INTUITIVE SURGICAL INC	\$1,765,205
1,873.000	AMAZON.COM INC	\$1,836,664
7,436.000	THERMO FISHER SCIENTIFIC INC	\$1,391,573
7,603.000	ANSYS INC	\$979,418
12,767.000	ECOLAB INC	\$1,701,841
5,927.000	BWX TECHNOLOGIES INC	\$324,325
1,705.000	ALPHABET INC CL C	\$1,601,558
501.000	ALPHABET INC CL A	\$478,575
452.000	PRICELINE GROUP INC/THE	\$837,140
15,959.000	SALESFORCE.COM INC	\$1,523,925
20,822.000	TRIPADVISOR INC	\$889,724
31,549.000	PAYPAL HOLDINGS INC	\$1,945,942
18,081.000	SMITH (A.O.) CORP	\$1,006,931
14,886.000	TJX COMPANIES INC	\$1,076,258
20,622.000	DANAHER CORP	\$1,720,287
36,995.000	GENPACT LTD	\$1,052,508
27,372.000	ZOETIS INC	\$1,716,224
1,779.000	CHARTER COMMUNICATIONS INC A	\$709,003
22,167.000	AMPHENOL CORP CL A	\$1,794,197
7,691.000	EDWARDS LIFESCIENCES CORP	\$874,159
7,256.000	COSTCO WHOLESALE CORP	\$1,137,305
5,548.000	ALIBABA GROUP HOLDING SP ADR	\$952,814
1,089,170.970	STATE STREET INSTITUTIONAL US	\$1,089,171
10,761.000	SBA COMMUNICATIONS CORP	\$1,652,352
TOTAL TO PART II LINE 10B STMT 10		\$548,870,200

BURROUGHS WELLCOME FUND

990-PF FOR 2016

FISCAL YEAR ENDED 8/31/2017

PART II LINE 10C COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
16,814.300	NISSAN AUTO RECEIVABLES OWNER	\$16,825
28,231.160	AMERICREDIT AUTOMOBILE RECEIVA	\$28,219
33,000.000	CARMAX AUTO OWNER TRUST	\$33,051
40,000.000	DRIVE AUTO RECEIVABLES TRUST	\$40,712
50,000.000	WORLD OMNI AUTOMOBILE LEASE SE	\$50,045
50,000.000	AMERICREDIT AUTOMOBILE RECEIVA	\$50,413
53,000.000	CHRYSLER CAPITAL AUTO RECEIVAB	\$52,924
60,000.000	SANTANDER DRIVE AUTO RECEIVABL	\$61,069
60,000.000	DRIVE AUTO RECEIVABLES TRUST	\$61,919
69,000.000	GM FINANCIAL AUTOMOBILE LEASIN	\$69,040
70,000.000	WESTLAKE AUTOMOBILE RECEIVABLE	\$69,985
70,000.000	CAPITAL AUTO RECEIVABLES ASSET	\$71,177
78,000.000	ALLY AUTO RECEIVABLES TRUST	\$78,013
80,000.000	CAPITAL AUTO RECEIVABLES ASSET	\$80,942
88,000.000	DRIVE AUTO RECEIVABLES TRUST	\$90,080
91,000.000	GM FINANCIAL AUTOMOBILE LEASIN	\$91,018
100,000.000	FORD CREDIT AUTO OWNER TRUST/F	\$101,550
100,000.000	DRIVE AUTO RECEIVABLES TRUST	\$100,020
100,000.000	CAPITAL AUTO RECEIVABLES ASSET	\$100,458
105,000.000	CARMAX AUTO OWNER TRUST	\$105,521
113,516.130	AMERICREDIT AUTOMOBILE RECEIVA	\$113,581
115,000.000	AMERICREDIT AUTOMOBILE RECEIVA	\$115,934
129,000.000	AMERICREDIT AUTOMOBILE RECEIVA	\$129,831
130,000.000	AMERICREDIT AUTOMOBILE RECEIVA	\$131,184
136,000.000	GM FINANCIAL SECURITIZED TERM	\$135,971
140,000.000	AMERICREDIT AUTOMOBILE RECEIVA	\$140,596
150,000.000	AMERICREDIT AUTOMOBILE RECEIVA	\$151,862
165,000.000	DRIVE AUTO RECEIVABLES TRUST	\$169,607
165,000.000	CAPITAL AUTO RECEIVABLES ASSET	\$167,375
169,000.000	FORD CREDIT AUTO OWNER TRUST/F	\$170,958
175,000.000	FORD CREDIT AUTO OWNER TRUST/F	\$176,701
190,000.000	AMERICREDIT AUTOMOBILE RECEIVA	\$191,168
195,000.000	DRIVE AUTO RECEIVABLES TRUST	\$199,357
200,000.000	ENTERPRISE FLEET FINANCING LLC	\$201,036
235,000.000	CAPITAL AUTO RECEIVABLES ASSET	\$235,706
240,000.000	DRIVE AUTO RECEIVABLES TRUST	\$245,687
255,000.000	DRIVE AUTO RECEIVABLES TRUST	\$259,550
300,000.000	CARMAX AUTO OWNER TRUST	\$299,013
360,000.000	HONDA AUTO RECEIVABLES OWNER T	\$359,568
365,000.000	CAPITAL AUTO RECEIVABLES ASSET	\$367,614
0.010	FANNIE MAE CAS	\$0

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10C COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
697.090	FANNIEMAE STRIP	\$10
1,904.210	FANNIEMAE STRIP	\$28
3,693.230	FANNIE MAE	\$63
2,106.890	FREDDIE MAC	\$86
2,652.950	FREDDIE MAC	\$116
8,326.620	FREDDIE MAC	\$1,836
4,971.320	FANNIEMAE STRIP	\$849
10,881.530	FREDDIE MAC	\$508
6,418.330	FANNIEMAE STRIP	\$1,294
16,787.990	GOVERNMENT NATIONAL MORTGAGE A	\$483
8,524.480	FANNIEMAE STRIP	\$1,544
25,408.050	FANNIE MAE	\$922
4,423.670	IMPAC SECURED ASSETS CORP.	\$4,387
37,332.330	FANNIE MAE	\$6,671
6,737.320	HARBORVIEW MORTGAGE LOAN TRUST	\$6,655
42,561.490	FANNIE MAE	\$7,623
7,086.210	FANNIE MAE CAS	\$7,094
52,313.000	FREDDIE MAC	\$13,017
24,943.730	GOVERNMENT NATIONAL MORTGAGE A	\$2,153
78,817.290	FANNIE MAE	\$2,885
8,630.620	FANNIE MAE CAS	\$8,641
8,987.590	FANNIE MAE CAS	\$9,001
9,219.760	BANC OF AMERICA FUNDING CORPOR	\$7,663
73,844.220	FANNIE MAE	\$13,221
12,527.420	COUNTRYWIDE HOME LOANS	\$11,202
68,034.180	GOVERNMENT NATIONAL MORTGAGE A	\$9,142
85,766.930	GOVERNMENT NATIONAL MORTGAGE A	\$8,754
17,193.690	FANNIEMAE WHOLE LOAN	\$19,746
19,011.260	HARBORVIEW MORTGAGE LOAN TRUST	\$18,579
128,373.630	FANNIE MAE	\$19,182
19,358.810	WELLS FARGO MORTGAGE BACKED SE	\$20,155
120,636.500	FANNIE MAE	\$22,145
20,306.450	FANNIE MAE CAS	\$20,510
20,692.980	FREDDIE MAC	\$20,782
125,248.970	GOVERNMENT NATIONAL MORTGAGE A	\$24,978
134,394.800	FANNIE MAE	\$25,421
25,985.070	FANNIE MAE CAS	\$26,073
104,661.250	GOVERNMENT NATIONAL MORTGAGE A	\$25,801
172,747.170	FANNIE MAE	\$23,017
175,265.210	GOVERNMENT NATIONAL MORTGAGE A	\$33,974
166,919.850	GOVERNMENT NATIONAL MORTGAGE A	\$34,067

BURROUGHS WELLCOME FUND

990-PF FOR 2016

FISCAL YEAR ENDED 8/31/2017

PART II LINE 10C COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
36,002.120	SPRINGLEAF MORTGAGE LOAN TRUST	\$35,949
163,974.110	GOVERNMENT NATIONAL MORTGAGE A	\$38,553
38,000.000	UBS BARCLAYS COMMERCIAL MORTGA	\$38,790
46,000.000	WELLS FARGO COMMERCIAL MORTGAG	\$37,285
38,000.000	JP MORGAN CHASE COMMERCIAL MOR	\$39,355
40,000.000	FANNIE MAE CAS	\$42,102
55,000.000	CSAIL COMMERCIAL MORTGAGE TRUS	\$43,000
152,708.890	GOVERNMENT NATIONAL MORTGAGE A	\$33,805
47,158.990	COLT FUNDING LLC	\$47,895
60,000.000	COMM MORTGAGE TRUST	\$47,617
51,644.470	L STREET SECURITIES	\$52,204
55,000.000	JP MORGAN CHASE COMMERCIAL MOR	\$54,827
53,787.760	FANNIEMAE WHOLE LOAN	\$62,090
60,000.000	FANNIE MAE CAS	\$62,395
61,000.000	CFCRE COMMERCIAL MORTGAGE TRUS	\$65,121
80,000.000	JPMBB COMMERCIAL MORTGAGE SECU	\$64,147
69,100.000	UBS BARCLAYS COMMERCIAL MORTGA	\$68,531
60,476.520	WACHOVIA BANK COMMERCIAL MORTG	\$60,409
68,000.000	BARCLAYS COMMERCIAL MORTGAGE S	\$72,240
71,789.630	FANNIE MAE CAS	\$72,224
69,100.000	UBS COMMERCIAL MORTGAGE TRUST	\$70,389
72,745.190	STRUCTURED ADJUSTABLE RATE MOR	\$69,258
94,151.730	FANNIE MAE	\$102,835
90,000.000	COMM MORTGAGE TRUST	\$91,222
100,000.000	ANGEL OAK MORTGAGE TRUST	\$99,986
101,555.390	DEEPHAVEN RESIDENTIAL MORTGAGE	\$101,548
108,000.000	SPRINGLEAF MORTGAGE LOAN TRUST	\$107,764
100,109.580	FREDDIE MAC	\$101,402
109,025.940	STRUCTURED ASSET SECURITIES CO	\$95,304
112,000.000	GS MORTGAGE SECURITIES TRUST	\$115,888
118,000.000	COMM MORTGAGE TRUST	\$125,212
125,000.000	CITIGROUP COMMERCIAL MORTGAGE	\$129,152
155,000.000	WELLS FARGO COMMERCIAL MORTGAG	\$135,218
127,000.000	COMM MORTGAGE TRUST	\$131,627
164,873.360	ANGEL OAK MORTGAGE TRUST	\$165,073
166,000.000	COMM MORTGAGE TRUST	\$177,676
180,406.630	FREDDIE MAC	\$177,101
184,202.100	FANNIE MAE CAS	\$205,473
227,645.750	FANNIE MAE CAS	\$258,174
280,000.000	COMM MORTGAGE TRUST	\$307,219
322,831.790	COMM MORTGAGE TRUST	\$337,926

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10C COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
315,000.000	DBUBS MORTGAGE TRUST	\$338,378
375,000 000	BANC OF AMERICA COMMERCIAL MOR	\$381,917
31,000 000	WEATHERFORD BERMUDA	\$30,961
2,000 000	TEACHERS INSUR + ANNUITY	\$2,802
5,000.000	SIRIUS XM RADIO INC	\$5,088
5,000.000	AES CORP/VA	\$5,088
5,000.000	PARK AEROSPACE HOLDINGS	\$5,213
10,000 000	APPLIED MATERIALS INC	\$10,269
10,000.000	TYSON FOODS INC	\$10,012
10,000 000	CHURCH + DWIGHT CO INC	\$10,032
10,000.000	ALIMENTATION COUCHE TARD	\$10,029
10,000 000	VERIZON COMMUNICATIONS	\$9,903
12,000 000	BAKER HUGHES A GE CO LLC	\$12,444
13,141 280	BRITISH AIR 13 1 B PTT	\$13,733
13,198 810	US AIRWAYS 2011 1A PTT	\$15,341
14,765 330	US AIRWAYS 2012 2A PTT	\$15,799
15,000.000	AFFILIATED MANAGERS GROU	\$15,934
15,000 000	CHURCH + DWIGHT CO INC	\$15,050
15,000 000	ENBRIDGE INC	\$15,798
15,000 000	TYSON FOODS INC	\$16,124
15,000 000	ACTIVISION BLIZZARD	\$15,225
15,000.000	BUCKEYE PARTNERS LP	\$14,915
15,000.000	VMWARE INC	\$15,128
15,000.000	DUKE ENERGY CORP	\$15,098
15,000 000	KANSAS CITY POWER + LT	\$15,830
15,000.000	CNA FINANCIAL CORP	\$15,034
15,000 000	HESS CORP	\$14,708
15,000.000	GENERAL MOTORS FINL CO	\$15,264
15,000 000	E TRADE FINANCIAL CORP	\$15,276
15,000.000	COACH INC	\$15,090
15,000.000	SMITHFIELD FOODS INC	\$15,244
15,000 000	DCP MIDSTREAM OPERATING	\$15,375
15,000 000	VALERO ENERGY PARTNERS	\$15,511
15,000.000	VIACOM INC	\$15,000
15,289 030	AMER AIRLN PT TRS 11 1	\$16,327
16,446.370	CONTL AIRLINES 2012 2 A	\$17,228
16,893 270	DELTA AIR LINES 2011 1	\$17,653
20,000.000	TIME WARNER CABLE LLC	\$18,476
20,000 000	KKR GROUP FINANCE CO III	\$22,046
20,000.000	SELECT INCOME REIT	\$20,122
20,000.000	LYB INTERNATIONAL FINANC	\$20,059

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
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	ABBVIE INC	\$20,969
20,000 000	SEAGATE HDD CAYMAN	\$19,740
20,000.000	PETROLEOS MEXICANOS	\$21,460
20,000.000	ANHEUSER BUSCH INBEV FIN	\$20,104
20,000 000	BLACKROCK INC	\$20,591
20,000.000	METLIFE INC	\$22,163
20,000.000	AMERICAN WATER CAPITAL C	\$20,292
20,000.000	JONES LANG LASALLE INC	\$21,101
20,000.000	AMAZON.COM INC	\$20,297
20,000.000	LEGG MASON INC	\$20,214
20,000 000	AT+T INC	\$20,175
20,000 000	ENLINK MIDSTREAM PARTNER	\$20,028
20,000.000	TOYOTA MOTOR CREDIT CORP	\$19,958
20,000 000	GENERAL MOTORS CO	\$20,242
20,000 000	ANIXTER INC	\$21,500
20,000.000	BECTON DICKINSON AND CO	\$20,088
20,000.000	WYNDHAM WORLDWIDE CORP	\$20,346
20,000.000	METLIFE INC	\$22,428
20,379.940	DELTA AIR LINES 2010 2A	\$21,115
20,826.810	AIR CANADA 2013 1A PTT	\$21,920
20,000.000	JEFFERIES GROUP LLC	\$22,183
20,000 000	VALERO ENERGY CORP	\$24,890
24,461 730	UNITED AIR 2014 1 B PTT	\$25,440
25,000.000	CITIGROUP INC	\$39,081
25,000.000	BRIGHTHOUSE FINANCIAL IN	\$24,599
25,000 000	COMMONWEALTH EDISON CO	\$25,069
25,000 000	ENTERPRISE PRODUCTS OPER	\$31,429
25,000 000	TANGER PROPERTIES LP	\$25,123
25,000 000	DUKE ENERGY CORP	\$25,129
25,000 000	BALTIMORE GAS + ELECTRIC	\$25,491
25,000.000	AT+T INC	\$23,962
25,000.000	S+P GLOBAL INC	\$27,147
25,000.000	WILLIAMS PARTNERS LP	\$25,776
25,000 000	DUKE ENERGY CORP	\$24,156
25,000 000	FORTIVE CORPORATION	\$26,487
25,000.000	MICROSOFT CORP	\$27,318
25,000 000	JPMORGAN CHASE + CO	\$24,616
25,000.000	CITIGROUP INC	\$26,680
25,000.000	COX COMMUNICATIONS INC	\$24,994
25,000.000	ALIMENTATION COUCHE TARD	\$25,294
25,000 000	KEYSIGHT TECHNOLOGIES	\$26,639

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10C COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
25,000 000	DOLLAR GENERAL CORP	\$26,128
25,000 000	SCHLUMBERGER HLDGS CORP	\$26,459
25,000 000	MCCORMICK + CO	\$25,453
25,000.000	TOLL BROS FINANCE CORP	\$25,531
25,000.000	REINSURANCE GRP OF AMER	\$25,743
25,000.000	JPMORGAN CHASE + CO	\$25,449
25,000 000	CHARTER COMM OPT LLC/CAP	\$26,782
25,000 000	NOVA CHEMICALS CORP	\$25,000
25,000.000	SUMITOMO MITSUI FINL GRP	\$25,276
25,000.000	JPMORGAN CHASE + CO	\$26,467
25,000 000	FORD MOTOR COMPANY	\$25,898
25,000 000	CITIGROUP INC	\$25,100
25,000 000	SMITHFIELD FOODS INC	\$26,261
22,192.590	BURLINGTN NO SF 06 1 TR	\$24,513
30,000 000	LOCKHEED MARTIN CORP	\$34,025
30,000 000	APPLE INC	\$28,771
30,000 000	COMCAST CORP	\$32,082
29,000.000	KROGER CO	\$29,851
30,000.000	VIACOM INC	\$30,886
30,000 000	METLIFE INC	\$30,638
30,000.000	INTERNATIONAL PAPER CO	\$29,135
30,000 000	EATON VANCE CORP	\$30,738
30,000 000	APPLE INC	\$32,864
30,000 000	CIGNA CORP	\$31,953
30,000.000	SEAGATE HDD CAYMAN	\$27,998
30,000 000	AT+T INC	\$29,379
30,000 000	ONCOR ELECTRIC DELIVERY	\$30,174
30,000 000	INVESCO FINANCE PLC	\$31,651
30,000.000	DOMINION ENERGY INC	\$29,593
30,000 000	GOLDMAN SACHS GROUP INC	\$30,870
30,000 000	ACTIVISION BLIZZARD	\$29,893
30,000.000	AMERICAN EQUITY INVESTME	\$31,529
30,000.000	TOLL BROS FINANCE CORP	\$32,663
30,000 000	CNO FINANCIAL GROUP INC	\$31,875
30,000 000	CHEVRON CORP	\$30,330
30,000 000	NOVA CHEMICALS CORP	\$29,925
30,000.000	ENLINK MIDSTREAM PARTNER	\$31,405
30,000 000	PNC FINANCIAL SERVICES	\$30,590
31,637.400	AMER AIRLN 15 1 A PTT	\$32,290
34,000.000	STATOIL ASA	\$34,171
35,000 000	GOLDMAN SACHS GROUP INC	\$39,098

BURROUGHS WELLCOME FUND

990-PF FOR 2016

FISCAL YEAR ENDED 8/31/2017

PART II LINE 10C COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
35,000 000	ALABAMA POWER CO	\$37,811
35,000.000	MYLAN NV	\$35,625
35,000.000	SIMON PROPERTY GROUP LP	\$36,425
30,000 000	ANHEUSER BUSCH INBEV WOR	\$32,403
35,000 000	COX COMMUNICATIONS INC	\$34,650
35,000.000	COMMONWEALTH BANK AUST	\$35,343
35,000.000	MARATHON OIL CORP	\$35,408
35,000.000	KINDER MORGAN INC/DELAWA	\$37,132
35,000 000	VOYA FINANCIAL INC	\$34,914
35,000.000	COMMONWEALTH EDISON CO	\$35,270
35,000.000	CHEVRON PHILLIPS CHEM CO	\$36,388
35,000.000	ERAC USA FINANCE LLC	\$36,247
35,000.000	TORONTO DOMINION BANK	\$35,068
35,000 000	SOUTHERN CO	\$35,619
35,000.000	VIACOM INC	\$33,840
35,000 000	UNITED TECHNOLOGIES CORP	\$35,953
35,000.000	MARATHON PETROLEUM CORP	\$36,197
35,000.000	21ST CENTURY FOX AMERICA	\$37,939
35,000.000	WELLS FARGO + COMPANY	\$36,754
35,000.000	HASBRO INC	\$35,995
35,000 000	MORGAN STANLEY	\$35,553
35,000.000	GENERAL MOTORS CO	\$35,402
35,000.000	FREEPORT MCMORAN INC	\$35,000
35,000 000	ENERGY TRANSFER LP	\$35,167
35,000.000	BANK OF NY MELLON CORP	\$34,964
35,000.000	BECTON DICKINSON AND CO	\$35,435
35,000.000	BP CAPITAL MARKETS PLC	\$36,007
35,000.000	ANDEAVOR	\$37,968
35,000.000	CARDINAL HEALTH INC	\$35,065
35,000 000	AIRCASTLE LTD	\$38,150
35,000.000	ASPEN INSURANCE HLDG LTD	\$37,866
35,000.000	BP CAPITAL MARKETS PLC	\$35,155
36,758.780	US AIRWAYS 2010 1A PTT	\$41,354
35,000 000	E.I. DU PONT DE NEMOURS	\$37,029
38,000.000	GENERAL MOTORS FINL CO	\$38,911
38,106.720	AMER AIRLN 15 2 A PASS T	\$39,772
39,000.000	MID AMERICA APARTMENTS	\$39,739
40,000 000	BURLINGTN NORTH SANTA FE	\$42,053
40,000.000	MICROSOFT CORP	\$39,258
40,000.000	LOCKHEED MARTIN CORP	\$41,774
40,000 000	GOLDMAN SACHS GROUP INC	\$44,816

BURROUGHS WELLCOME FUND**990-PF FOR 2016****FISCAL YEAR ENDED 8/31/2017****PART II LINE 10C COLUMN (B) AND (C)**

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
40,000.000	MURPHY OIL CORP	\$39,348
40,000 000	APPLE INC	\$45,648
40,000 000	KINDER MORGAN INC	\$40,032
40,000.000	AMGEN INC	\$40,320
40,000.000	ERAC USA FINANCE LLC	\$41,853
40,000.000	ALLY FINANCIAL INC	\$40,338
40,000 000	PROGRESSIVE CORP	\$42,272
40,000 000	CARDINAL HEALTH INC	\$44,952
40,000 000	BRIGHTHOUSE FINANCIAL IN	\$39,571
40,000.000	DELL INT LLC / EMC CORP	\$44,686
40,000.000	DR PEPPER SNAPPLE GROUP	\$41,152
40,000 000	WABTEC	\$39,826
40,000 000	ORACLE CORP	\$41,224
40,000 000	APPLE INC	\$41,388
40,000.000	HYATT HOTELS CORP	\$44,333
40,000.000	PETROLEOS MEXICANOS	\$42,260
40,211 160	AIR CANADA 2013 1B PTT	\$42,322
40,000 000	CARDINAL HEALTH INC	\$40,481
42,000 000	GENERAL MOTORS CO	\$42,578
42,000 000	UNITED TECHNOLOGIES CORP	\$42,185
43,201 200	BRITISH AIR 13 1 A PTT	\$46,441
45,000 000	LIBERTY MUTUAL GROUP INC	\$57,993
45,000.000	AMERICAN EXPRESS CREDIT	\$45,988
45,000.000	AMERICAN TOWER CORP	\$44,627
45,000 000	TRANSCONT GAS PIPE LINE	\$50,604
45,000 000	GOLDMAN SACHS GROUP INC	\$51,345
45,000.000	JEFFERIES GROUP LLC	\$48,029
45,000 000	AIR LEASE CORP	\$45,370
45,000 000	KINDER MORGAN ENER PART	\$46,143
45,000.000	KRAFT HEINZ FOODS CO	\$43,632
45,000 000	SCHLUMBERGER HLDGS CORP	\$47,278
45,000.000	AMERICAN HONDA FINANCE	\$45,015
45,000.000	GILEAD SCIENCES INC	\$44,739
45,000.000	WELLS FARGO + COMPANY	\$45,990
45,000 000	SUMITOMO MITSUI FINL GRP	\$44,557
45,000.000	FRESENIUS US FINANCE II	\$47,363
44,724 890	AMER AIRLINE 16 1 AA PTT	\$46,120
50,000 000	CONOCOPHILLIPS	\$65,808
50,000.000	GLENCORE FUNDING LLC	\$52,123
48,802.660	HAWAIIAN AIRLINES 13 1B	\$50,267
50,000.000	NEWFIELD EXPLORATION CO	\$52,250

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
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	KKR GROUP FIN CO II	\$57,426
50,000.000	GOLDMAN SACHS GROUP INC	\$53,020
50,000 000	HSBC USA INC	\$50,448
50,000.000	KEYSIGHT TECHNOLOGIES	\$53,467
50,000.000	BANK OF AMERICA CORP	\$54,061
51,000 000	STATE STREET CORP	\$51,681
53,000 000	DUKE ENERGY CORP	\$53,272
55,000.000	GENERAL MOTORS FINL CO	\$56,728
45,000 000	COMMONWEALTH EDISON CO	\$45,052
55,000.000	BROADRIDGE FINANCIAL SOL	\$55,109
55,000.000	TIME WARNER INC	\$55,371
55,000.000	NASDAQ INC	\$58,848
55,000.000	ELECTRICITE DE FRANCE SA	\$60,731
50,000.000	ANADARKO PETROLEUM CORP	\$55,812
55,000.000	COMCAST CORP	\$55,599
55,000.000	TIME WARNER INC	\$65,793
58,000 000	US BANCORP	\$60,091
65,000.000	TEVA PHARMACEUTICALS NE	\$59,783
60,000 000	AT+T INC	\$58,313
60,000.000	WALGREENS BOOTS ALLIANCE	\$62,489
60,000 000	NUVEEN FINANCE LLC	\$63,832
60,000 000	ANHEUSER BUSCH INBEV FIN	\$68,401
60,000.000	CARLYLE HOLDINGS II FIN	\$69,458
64,000 000	AMGEN INC	\$62,815
65,000 000	MORGAN STANLEY	\$66,528
65,000.000	WELLS FARGO + COMPANY	\$64,298
65,000 000	AMAZON.COM INC	\$67,035
66,000.000	VERIZON COMMUNICATIONS	\$64,731
66,000.000	AMERICAN EXPRESS CREDIT	\$67,211
70,000.000	MPLX LP	\$74,989
70,000.000	NBCUNIVERSAL MEDIA LLC	\$89,106
70,000.000	LEXMARK INTL INC	\$73,093
70,000 000	PETROLEOS MEXICANOS	\$75,257
71,000.000	GENERAL MOTORS FINL CO	\$72,913
75,000.000	VERIZON COMMUNICATIONS	\$74,273
75,000.000	AMERICAN INTL GROUP	\$74,093
75,000.000	PETROLEOS MEXICANOS	\$77,325
75,000.000	GUARDIAN LIFE INSURANCE	\$84,239
75,000.000	WELLS FARGO + COMPANY	\$75,964
67,000 000	VERIZON COMMUNICATIONS	\$74,882
75,000 000	MORGAN STANLEY	\$76,196

BURROUGHS WELLCOME FUND**990-PF FOR 2016****FISCAL YEAR ENDED 8/31/2017****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	\$78,416
75,000 000	VERIZON COMMUNICATIONS	\$80,909
75,000 000	VERIZON COMMUNICATIONS	\$80,909
80,000 000	RELIANCE STAND LIFE II	\$80,104
80,000 000	LIBERTY MUTUAL GROUP INC	\$86,515
80,000.000	AMER AIRLINE 16 3 AA PTT	\$79,554
80,000.000	NISSAN MOTOR ACCEPTANCE	\$80,361
80,000.000	JPMORGAN CHASE + CO	\$79,996
82,000 000	CAPITAL ONE NA	\$83,099
69,000.000	VIRGINIA ELEC + POWER CO	\$90,743
90,000.000	GENERAL ELECTRIC CO	\$100,436
95,000.000	AT+T INC	\$94,651
96,000 000	PFIZER INC	\$102,886
97,000 000	WELLS FARGO BANK NATL	\$97,784
95,000.000	E.I. DU PONT DE NEMOURS	\$98,547
104,000.000	CSX CORP	\$104,353
107,000 000	OCCIDENTAL PETROLEUM COR	\$110,622
111,000 000	JPMORGAN CHASE + CO	\$112,198
112,000 000	MORGAN STANLEY	\$113,348
111,000.000	AT+T INC	\$115,117
120,000.000	CITIGROUP INC	\$121,846
120,000.000	BP CAPITAL MARKETS PLC	\$120,101
120,000 000	PNC FINANCIAL SERVICES	\$125,509
126,000.000	JOHN DEERE CAPITAL CORP	\$127,972
130,000.000	APPLE INC	\$130,433
123,919.730	BNSF RAILWAY CO 2015 1 P	\$125,917
133,000 000	AT+T INC	\$134,362
136,000.000	HYUNDAI CAPITAL AMERICA	\$134,334
132,000.000	WALT DISNEY COMPANY/THE	\$133,402
127,000.000	21ST CENTURY FOX AMERICA	\$136,557
138,000.000	ORACLE CORP	\$138,294
140,000 000	BANK OF AMERICA CORP	\$137,985
121,000 000	NATIONAL RURAL UTIL COOP	\$132,915
148,000 000	CAPITAL ONE BANK USA NA	\$145,337
148,000 000	WELLS FARGO BANK NA	\$146,496
144,000 000	GENERAL ELECTRIC CO	\$147,393
119,000.000	DUKE ENERGY CAROLINAS	\$148,833
155,000.000	MERCK + CO INC	\$156,739
162,000.000	BANK OF NOVA SCOTIA	\$161,929
163,000 000	CAPITAL ONE NA	\$163,958
170,000 000	GEORGIA PACIFIC LLC	\$172,004

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10C COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
167,000.000	JOHN DEERE CAPITAL CORP	\$170,819
169,000.000	CAPITAL ONE FINANCIAL CO	\$174,334
171,000 000	ORACLE CORP	\$173,160
155,000 000	APPLE INC	\$176,884
180,000.000	BANK OF NEW YORK MELLON	\$180,918
187,000 000	WALT DISNEY COMPANY/THE	\$187,737
187,000 000	COMCAST CORP	\$188,004
171,000 000	PETROLEOS MEXICANOS	\$196,616
190,000.000	MORGAN STANLEY	\$191,281
205,000.000	HONEYWELL INTERNATIONAL	\$199,223
190,000.000	TIME WARNER INC	\$192,100
200,000.000	NORDEA BANK AB	\$201,946
200,000 000	ANZ NEW ZEALAND INTL/LDN	\$203,216
200,000.000	SOCIETE GENERALE	\$212,758
200,000 000	BK TOKYO MITSUBISHI UFJ	\$200,118
200,000 000	SWEDBANK AB	\$203,876
200,000.000	FORD MOTOR CREDIT CO LLC	\$199,880
200,000.000	TOYOTA MOTOR CREDIT CORP	\$199,582
200,000 000	ROYAL BANK OF CANADA	\$201,726
200,000.000	DAIMLER FINANCE NA LLC	\$201,772
200,000 000	WELLS FARGO + COMPANY	\$207,082
203,000.000	BERKSHIRE HATHAWAY INC	\$207,643
175,000 000	21ST CENTURY FOX AMERICA	\$225,293
197,000 000	BURLINGTN NORTH SANTA FE	\$218,725
224,000.000	JPMORGAN CHASE + CO	\$237,156
226,000.000	IBM CORP	\$238,163
245,000.000	CAPITAL ONE BANK USA	\$248,223
245,000.000	AMERICAN EXPRESS BK FSB	\$246,674
245,000.000	AMEX CENTURION BK	\$247,355
245,000.000	BMW BANK NORTH AMERICA	\$245,266
205,856.410	CSX TRANSPORTATION INC	\$236,992
245,000.000	HSBC BANK USA NA	\$244,471
250,000.000	CAPITAL ONE NA	\$247,770
249,000.000	GENERAL MOTORS FINL CO	\$253,382
250,000 000	CHEVRON CORP	\$251,435
245,000.000	GOLDMAN SACHS BANK USA	\$247,861
220,000.000	CATERPILLAR INC	\$237,303
239,000.000	PACIFICORP	\$254,090
250,000.000	STATE STREET CORP	\$261,140
270,000.000	CITIGROUP INC	\$270,176
250,000.000	ANHEUSER BUSCH INBEV FIN	\$278,335

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 10C COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
252,000.000	MICROSOFT CORP	\$284,957
300,000.000	SHELL INTERNATIONAL FIN	\$299,931
290,000 000	BANK OF AMERICA CORP	\$317,544
330,000.000	JPMORGAN CHASE + CO	\$341,666
365,000.000	SUNTRUST BANK	\$367,398
366,000.000	FORD MOTOR COMPANY	\$379,143
348,000 000	GOLDMAN SACHS GROUP INC	\$369,019
110,000 000	CAPITAL ONE MULTI ASSET EXECUT	\$110,797
261,000 000	SYNCHRONY CREDIT CARD MASTER N	\$264,574
350,000.000	CITIBANK CREDIT CARD ISSUANCE	\$351,863
26,718.090	OPTION ONE MORTGAGE LOAN TRUST	\$25,635
31,406 990	INVITATION HOMES TRUST	\$31,407
32,388.450	INVITATION HOMES TRUST	\$32,388
64,484.380	SLM STUDENT LOAN TRUST	\$64,366
89,000 000	CNH EQUIPMENT TRUST	\$89,066
97,471 660	COUNTRYWIDE ASSET BACKED CERTI	\$96,399
100,000 000	VERIZON OWNER TRUST	\$99,967
100,000 000	AMERICAN HOMES 4 RENT	\$113,647
100,000.000	PROGRESS RESIDENTIAL TRUST	\$100,972
100,000 000	COLONY AMERICAN HOMES	\$100,790
100,000 000	PROGRESS RESIDENTIAL TRUST	\$102,732
100,000.000	INVITATION HOMES TRUST	\$101,823
100,000 000	INVITATION HOMES TRUST	\$101,060
100,000 000	AMERICAN HOMES 4 RENT	\$110,878
100,000.000	TRICON AMERICAN HOMES	\$104,095
255,000.000	WELLS FARGO DEALER FLOORPLAN M	\$255,342
274,774.980	SLM STUDENT LOAN TRUST	\$281,373

PART II LINE 10C AND STMT 11

\$38,056,510

BURROUGHS WELLCOME FUND
990-PF FOR 2016
FISCAL YEAR ENDED 8/31/2017
PART II LINE 13 COLUMN (B) AND (C)

<u>Shares/Par Value</u>	<u>Security Name</u>	<u>Base Market Value</u>
(500,000 000)	DIS0918P0 CDS USD P F 1 00000	-\$504,927
500,000.000	AA0319P0 CDS USD R V 00MEVENT	\$500,000
500,000.000	DIS0918P0 CDS USD R V 00MEVENT	\$500,000
500,000.000	IP0918P0 CDS USD R V 00MEVENT	\$500,000
(500,000 000)	AA0319P0 CDS USD P F 1.00000	-\$505,767
500,000 000	XR1219P0 CDS USD R V 00MEVENT	\$500,000
(500,000.000)	IP0918P0 CDS USD P F 1.00000	-\$504,849
500,000.000	XPE1219P0 CDS USD R V 00MEVENT	\$500,000
(500,000.000)	XR1219P0 CDS USD P F 1 00000	-\$509,015
(500,000 000)	XPE1219P0 CDS USD P F 1.00000	-\$509,414
2,225,896.570	SPRAY VENTURE FUND LP	\$685,645
3,534,414 000	INTERSOUTH PARTNERS VI	\$3,056,731
4,378,737.000	SPRAY VENTURE PARTNERS II	\$1,222,676
3,264,416.000	INTERSOUTH PARTNERS V LP	\$261,845
2,473,244.580	INTERSOUTH PARTNERS IV	\$347,966
3,544,043.750	MISSION VENTURES II LP	\$193,108
623.200	STATE STREET INSTITUTIONAL US	\$623
55,073 763	RIMROCK HIGH IN PLUS CAYMAN FD	\$16,581,677
10,569,850.160	HAMILTON LANE PE OFF FUND VIII	\$13,093,856
1,760,914.000	HAMILTON LANE STRATEGIC OPP	\$1,758,097
7,673,030 000	HAMILTON LANE STRATEGIC	\$8,531,443
5,171,507 601	HAMILTON LANE PE OFF FUND VI	\$8,607,768
52,728.440	QUELLOS STRATEGIC PARTNER	\$55,992,696
121,307.153	WINSTON PARTNERS	\$29,838,878
PART II LINE 13 & STMT 12		\$140,139,037