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Return of Private Foundation

or Section 4947(a)(1) Nonexempt Charitable Trust

Treated as a Private Foundation

2010

Department of the Treasury
Internal Revenue Service

Note The foundation may be able to use a copy of this return to satisfy state reporting requirements

For calendar year 2010, or tax year beginning SEP 1, 2010, and ending AUG 31, 2011

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

Name of foundation Burroughs Wellcome Fund		A Employer identification number 23-7225395
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	B Telephone number 919 991-5100
City or town, state, and ZIP code Research Triangle Park, NC 27709-3901		C If exemption application is pending, check here ☐
H Check type of organization ☒ Section 501(c)(3) exempt private foundation ☐ Section 4947(a)(1) nonexempt charitable trust ☐ Other taxable private foundation		D 1 Foreign organizations, check here ☐ 2. Foreign organizations meeting the 85% test, check here and attach computation ☐
I Fair market value of all assets at end of year (from Part II, col. (c), line 16) \$ 669,855,289.	J Accounting method ☐ Cash ☒ Accrual ☐ Other (specify) _____	E If private foundation status was terminated under section 507(b)(1)(A), check here ☐
(Part I, column (d) must be on cash basis)		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				N/A	
2 Check ☒ if the foundation is not required to attach Sch. B					
3 Interest on savings and temporary cash investments		1,455.	1,455.		Statement 1
4 Dividends and interest from securities		12,513,696.	12,296,517.		Statement 2
5a Gross rents					
b Net rental income or (loss)					
6a Net gain or (loss) from sale of assets not on line 10		32,756,113.			
b Gross sales price for all assets on line 6a 645,482,551.					
7 Capital gain net income (from Part IV, line 2)			33,960,870.		
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					
12 Total. Add lines 1 through 11		45,271,264.	46,258,842.		
13 Compensation of officers, directors, trustees, etc		740,000.	281,000.		440,000.
14 Other employee salaries and wages		1,740,903.	77,405.		1,663,498.
15 Pension plans, employee benefits		744,924.	84,222.		660,702.
16a Legal fees Stmt 3		3,232.	3,232.		0.
b Accounting fees Stmt 4		50,418.	21,427.		21,427.
c Other professional fees Stmt 5		3,398,700.	3,256,914.		64,065.
17 Interest					
18 Taxes Stmt 6		1,798,534.	0.		0.
19 Depreciation and depletion		394,647.	59,197.		
20 Occupancy		317,114.	47,567.		269,547.
21 Travel, conferences, and meetings		654,917.	37,515.		554,150.
22 Printing and publications		55,722.	7,329.		44,313.
23 Other expenses Stmt 7		639,639.	51,250.		546,766.
24 Total operating and administrative expenses-Add lines 13 through 23		10,538,750.	3,927,058.		4,264,468.
25 Contributions, gifts, grants, and other income		24,494,147.			33,468,085.
26 Total expenses and disbursements-Add lines 24 and 25		35,032,897.	3,927,058.		37,732,553.
27 Subtract line 26 from line 12		10,238,367.			
a Excess of revenue over expenses and disbursements			42,331,784.		
b Net investment income (if negative, enter -0-)					
c Adjusted net income (if negative, enter -0-)				N/A	

Part II Balance Sheets		Beginning of year		End of year	
		(a) Book Value	(b) Book Value	(c) Fair Market Value	
Assets	1 Cash - non-interest-bearing	499.	501.	501.	
	2 Savings and temporary cash investments	41,047,578.	18,459,107.	18,459,107.	
	3 Accounts receivable ▶ 41,206.		41,206.	41,206.	
	Less allowance for doubtful accounts ▶				
	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	46,815.	46,620.	46,620.	
	10a Investments - US and state government obligations Stmt 8	60,691,784.	76,132,716.	76,132,716.	
	b Investments - corporate stock Stmt 9	213,221,506.	266,163,075.	266,163,075.	
	c Investments - corporate bonds Stmt 10	53,999,561.	54,616,340.	54,616,340.	
Liabilities	11 Investments - land, buildings, and equipment: basis ▶				
	Less accumulated depreciation ▶				
	12 Investments - mortgage loans				
	13 Investments - other Stmt 11	253,148,795.	243,021,166.	243,021,166.	
	14 Land, buildings, and equipment: basis ▶ 16,708,936.				
	Less accumulated depreciation STMT #14 ▶ 7,036,969.	10,016,530.	9,671,967.	9,671,967.	
	15 Other assets (describe ▶ Statement 12)	1,698,231.	1,702,591.	1,702,591.	
	16 Total assets (to be completed by all filers)	633,871,299.	669,855,289.	669,855,289.	
	17 Accounts payable and accrued expenses	16,015,615.	17,517,336.		
	18 Grants payable	91,519,311.	83,538,121.		
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 13)	0.	644,540.		
23 Total liabilities (add lines 17 through 22)	107,534,926.	101,699,997.			
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here ▶ ☒ X				
	24 Unrestricted and complete lines 24 through 26 and lines 30 and 31	526,336,373.	568,155,292.		
	25 Temporarily restricted				
	26 Permanently restricted				
	Foundations that do not follow SFAS 117, check here ▶ ☐				
	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	526,336,373.	568,155,292.		
30 Total net assets or fund balances	633,871,299.	669,855,289.			
31 Total liabilities and net assets/fund balances					

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	526,336,373.
2 Enter amount from Part I, line 27a	2	10,238,367.
3 Other increases not included in line 2 (itemize) ▶ Unrealized Gain on Investments	3	32,225,092.
4 Add lines 1, 2, and 3	4	568,799,832.
5 Decreases not included in line 2 (itemize) ▶ Deferred Excise Tax	5	644,540.
6 Total net assets or fund balances at end of year (line 4 minus line 5) - Part II, column (b), line 30	6	568,155,292.

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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 throughs 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 645,482,551.		612,726,438.	32,756,113.
b 1,204,757.			1,204,757.
c			
d			
e			

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

(i) FMV 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			32,756,113.
b			1,204,757.
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	33,960,870.
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 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))
2009	23,777,011.	611,219,390.	.038901
2008	22,787,611.	533,634,198.	.042703
2007	34,244,422.	756,843,957.	.045246
2006	33,876,730.	770,223,300.	.043983
2005	30,183,349.	711,355,340.	.042431

2 Total of line 1, column (d)	2	.213264
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	.042653
4 Enter the net value of noncharitable-use assets for 2010 from Part X, line 5	4	674,998,231.
5 Multiply line 4 by line 3	5	28,790,700.
6 Enter 1% of net investment income (1% of Part I, line 27b)	6	423,318.
7 Add lines 5 and 6	7	29,214,018.
8 Enter qualifying distributions from Part XII, line 4 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	8	37,775,123.

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	423,318.
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	423,318.
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	423,318.
6	Credits/Payments		
a	2010 estimated tax payments and 2009 overpayment credited to 2010	6a	
b	Exempt foreign organizations - tax withheld at source	6b	
c	Tax paid with application for extension of time to file (Form 8868)	6c	900,000.
d	Backup withholding erroneously withheld	6d	
7	Total credits and payments. Add lines 6a through 6d	7	900,000.
8	Enter any penalty for underpayment of estimated tax. Check here ☐ if Form 2220 is attached	8	12,721.
9	Tax due. If the total of lines 5 and 8 is more than line 7, enter amount owed	9	
10	Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid	10	463,961.
11	Enter the amount of line 10 to be Credited to 2011 estimated tax ☒ 463,961. Refunded ☐	11	0.

Part VII-A Statements Regarding Activities

	Yes	No
1a During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign?		X
1b Did it spend more than \$100 during the year (either directly or indirectly) for political purposes (see instructions for 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
1c Did the foundation file Form 1120-POL for this year?		X
d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year (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		X
3 Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? If "Yes," attach a conformed copy of the changes		X
4a Did the foundation have unrelated business gross income of \$1,000 or more during the year?	X	
b If "Yes," has it filed a tax return on Form 990-T for this year?	X	
5 Was there a liquidation, termination, dissolution, or substantial contraction during the year? If "Yes," attach the statement required by General Instruction T.		X
6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either • 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?	X	
7 Did the foundation have at least \$5,000 in assets at any time during the year? If "Yes," complete Part II, col (c), and Part XV	X	
8a Enter the states to which the foundation reports or with which it is registered (see instructions) ☒ NC		
b If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by General Instruction G? If "No," attach explanation	X	
9 Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2010 or the taxable year beginning in 2010 (see instructions for Part XIV)? If "Yes," complete Part XIV		X
10 Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses		X

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Part VII-A Statements Regarding Activities (continued)

11	At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule (see instructions)	11		X
12	Did the foundation acquire a direct or indirect interest in any applicable insurance contract before August 17, 2008?	12		X
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address ► <u>www.bwfund.org</u>	13	X	
14	The books are in care of ► <u>Burroughs Wellcome Fund</u> Telephone no ► <u>919 991 5100</u> Located at ► <u>21 T.W. Alexander Drive, Research Triangle Park,</u> ZIP+4 ► <u>27709</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	► 15 N/A		
16	At any time during calendar year 2010, 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? See page 20 of the instructions for exceptions and filing requirements for Form TD F 90-22.1 If "Yes," enter the name of the foreign country ►	16	Yes	No 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 page 22 of the instructions)? Organizations relying on a current notice regarding disaster assistance check here	► ☐	1b X
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 2010?		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 2010, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2010? If "Yes," list the years ►	☐ Yes ☒ No	
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 2010 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 2010.)		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 2010?		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 509(a)(1), (2), or (3), or section 4940(d)(2)?

☐ 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

6b

X

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

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

7b

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

N/A

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors

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

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
John Burris	President - Director			
21 Alexander Drive				
RTP, NC 27709	38.00	364,000.	41,273.	0.
Scott Schoedler	V.P. Finance			
21 Alexander Drive				
RTP, NC 27709	38.00	267,750.	48,991.	0.
Please see attached schedule #15				
21 Alexander Drive				
RTP, NC 27709	0.00	103,000.	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
Carr Thompson	Sr Prog. Officer			
21 Alexander Drive, RTP, NC 27709	38.00	114,000.	30,039.	0.
Nancy Sung	Sr Prog. Officer			
21 Alexander Drive, RTP, NC 27709	38.00	109,000.	32,427.	0.
Ken Browndorf	Sr Asst & Acct. Mgr			
21 Alexander Drive, RTP, NC 27709	38.00	113,050.	27,671.	0.
Victoria McGovern	Sr Prog. Officer			
21 Alexander Drive, RTP, NC 27709	38.00	109,000.	23,743.	0.
Rolly Simpson	Sr Prog. Officer			
21 Alexander Drive, RTP, NC 27709	38.00	88,000.	18,321.	0.
Total number of other employees paid over \$50,000				10

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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 Bank 1 Lincoln Street, Boston, MA 02111	Custodial Banking / Money Management	459,435.
WCM Investment Management 281 Brooks Street, Laguna Beach, CA 92651	Money Management	457,076.
Hansberger Global Investors - 401 East Las Olas Blvd, Fort Lauderdale, FL 33301	Money Management	440,279.
PIMCO - 840 Newport Center Dr., Newport Beach, CA 92660	Money Management	304,569.
Northern Cross 125 Summer Street, Boston, MA 02110	Money Management	303,469.
Total number of others receiving over \$50,000 for professional services		10

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	
All other program-related investments See instructions	
3	
Total. Add lines 1 through 3	0.

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

1	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes		
a	Average monthly fair market value of securities	1a	682,223,327.
b	Average of monthly cash balances	1b	547,725.
c	Fair market value of all other assets	1c	2,506,340.
d	Total (add lines 1a, b, and c)	1d	685,277,392.
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	685,277,392.
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)	4	10,279,161.
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5	674,998,231.
6	Minimum investment return. Enter 5% of line 5	6	33,749,912.

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	33,749,912.
2a	Tax on investment income for 2010 from Part VI, line 5	2a	423,318.
b	Income tax for 2010 (This does not include the tax from Part VI)	2b	289.
c	Add lines 2a and 2b	2c	423,607.
3	Distributable amount before adjustments. Subtract line 2c from line 1	3	33,326,305.
4	Recoveries of amounts treated as qualifying distributions	4	992,748.
5	Add lines 3 and 4	5	34,319,053.
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	34,319,053.

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	37,732,553.
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	42,570.
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	37,775,123.
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	423,318.
6	Adjusted qualifying distributions. Subtract line 5 from line 4	6	37,351,805.

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 (2010)

Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2009	(c) 2009	(d) 2010
1 Distributable amount for 2010 from Part XI, line 7				34,319,053.
2 Undistributed income, if any, as of the end of 2010				
a Enter amount for 2009 only			14,590,244.	
b Total for prior years		0.		
3 Excess distributions carryover, if any, to 2010				
a From 2005				
b From 2006				
c From 2007				
d From 2008				
e From 2009				
f Total of lines 3a through e	0.			
4 Qualifying distributions for 2010 from Part XII, line 4 ▶ \$ 37,775,123.				
a Applied to 2009, but not more than line 2a			14,590,244.	
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 2010 distributable amount				23,184,879.
e Remaining amount distributed out of corpus	0.			
5 Excess distributions carryover applied to 2010 (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 2009 Subtract line 4a from line 2a Taxable amount - see instr			0.	
f Undistributed income for 2010 Subtract lines 4d and 5 from line 1 This amount must be distributed in 2011				11,134,174.
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3)	0.			
8 Excess distributions carryover from 2005 not applied on line 5 or line 7	0.			
9 Excess distributions carryover to 2011 Subtract lines 7 and 8 from line 6a	0.			
10 Analysis of line 9				
a Excess from 2006				
b Excess from 2007				
c Excess from 2008				
d Excess from 2009				
e Excess from 2010				

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
<i>a Paid during the year</i> Various See Statement #17				24729935.
Various See Statement #18				8,738,150.
Total			3a	33468085.
<i>b Approved for future payment</i> Various See Statement #19				17845001.
Various See Statement #20				4,692,343.
Total			3b	22537344.

Part XVII Information Regarding Transfers To and Transactions and Relationships With Noncharitable Exempt Organizations

- | | | Yes | No |
|---|--|-------|----|
| 1 | Did the organization directly or indirectly engage in any of the following with any other organization described in section 501(c) of the Code (other than section 501(c)(3) organizations) or in section 527, relating to political organizations? | | |
| a | Transfers from the reporting foundation to a noncharitable exempt organization of | | |
| | (1) Cash | 1a(1) | X |
| | (2) Other assets | 1a(2) | X |
| b | Other transactions | | |
| | (1) Sales of assets to a noncharitable exempt organization | 1b(1) | X |
| | (2) Purchases of assets from a noncharitable exempt organization | 1b(2) | X |
| | (3) Rental of facilities, equipment, or other assets | 1b(3) | X |
| | (4) Reimbursement arrangements | 1b(4) | X |
| | (5) Loans or loan guarantees | 1b(5) | X |
| | (6) Performance of services or membership or fundraising solicitations | 1b(6) | X |
| c | Sharing of facilities, equipment, mailing lists, other assets, or paid employees | 1c | X |
| d | If the answer to any of the above is "Yes," complete the following schedule. Column (b) should always show the fair market value of the goods, other assets, or services given by the reporting foundation. If the foundation received less than fair market value in any transaction or sharing arrangement, show in column (d) the value of the goods, other assets, or services received. | | |

[illegible]

- 2a** Is the foundation directly or indirectly affiliated with, or related to, one or more tax-exempt organizations described in section 501(c) of the Code (other than section 501(c)(3)) or in section 527? ☐ Yes ☒ No

- b** If "Yes," complete the following schedule

(a) Name of organization	(b) Type of organization	(c) Description of relationship
N/A		

**Sign
Here**

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than taxpayer or fiduciary) is based on all information of which preparer has any knowledge.

Signature of officer or trustee

4-9-2012
Date

VP, Finance

**Paid
Preparer
Use Only**

Print/Type preparer's name

MARCI KRAUSE

Preparer's signature

Date _____

MAR 29 2012

Check ☐ if
self-employed

PTIN	
------	--

P00394681

Firm's name ► PricewaterhouseCoopers LLP

Firm's EIN ▶ **93-4008324**

Firm's address ► 1301 K Street, NW #800W
Washington, DC 20005

Phone no	(202) 414 1000
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Form 990-PF Interest on Savings and Temporary Cash Investments Statement 1

Source	Amount
Checking Account	1,455.
Total to Form 990-PF, Part I, line 3, Column A	1,455.

Form 990-PF Dividends and Interest from Securities Statement 2

Source	Gross Amount	Capital Gains Dividends	Column (A) Amount
Flow Throughs from K-1's	<217,179.>	0.	<217,179.>
Interest and Divdends	12,513,696.	0.	12,513,696.
Total to Fm 990-PF, Part I, ln 4	12,296,517.	0.	12,296,517.

Form 990-PF Legal Fees Statement 3

Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
Legal	3,232.	3,232.		0.
To Fm 990-PF, Pg 1, ln 16a	3,232.	3,232.	e	0.

Form 990-PF Accounting Fees Statement 4

Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
Audit and Tax	50,418.	21,427.		21,427.
To Form 990-PF, Pg 1, ln 16b	50,418.	21,427.		21,427.

Form 990-PF	Other Professional Fees			Statement 5
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
Investment Expense	3,236,914.	3,236,914.		0.
Consulting Expense	161,786.	20,000.		64,065.
To Form 990-PF, Pg 1, ln 16c	3,398,700.	3,256,914.		64,065.

Form 990-PF	Taxes			Statement 6
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
Fed Excise Tax Paid	1,118,617.	0.		0.
Fed Excise Tax Rec'ble	92,011.	0.		0.
Current Fed Excise Tax Payable	587,906.	0.		0.
To Form 990-PF, Pg 1, ln 18	1,798,534.	0.		0.

**990-PF Other Expenses
for FY 2011**

Statement #7

Description	Expenses Per Books	Net Invest- ment Income	Adjusted Net Income	Charitable Puposes
Office / Administrative	49,203	6,344		41,308
Telephone / Information Technology	174,538	26,159		148,235
Staff Development	20,103	3,016		17,088
General Insurance	24,035	3,605		20,430
Miscellaneous Expense	108,717	10,320		58,468
Advertising	12,043	1,806		10,237
Honoraria paid to non-disqualified people	251,000			251,000
total line 23	639,639	51,250	-	546,766

Form 990-PF	U.S. and State/City Government Obligations	Statement	8
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Description	U.S. Gov't	Other Gov't	Book Value	Fair Market Value
US and Foreign Gov't Obligations	X		76,132,716.	76,132,716.
Total U.S. Government Obligations			76,132,716.	76,132,716.
Total State and Municipal Government Obligations				
Total to Form 990-PF, Part II, line 10a			76,132,716.	76,132,716.

Form 990-PF	Corporate Stock	Statement	9
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Description	Book Value	Fair Market Value
Corporate Stocks	266,163,075.	266,163,075.
Total to Form 990-PF, Part II, line 10b	266,163,075.	266,163,075.

Form 990-PF	Corporate Bonds	Statement	10
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Description	Book Value	Fair Market Value
Corporate Bonds	54,616,340.	54,616,340.
Total to Form 990-PF, Part II, line 10c	54,616,340.	54,616,340.

Form 990-PF	Other Investments	Statement	11
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Description	Valuation Method	Book Value	Fair Market Value
Other Investments	FMV	243,021,166.	243,021,166.
Total to Form 990-PF, Part II, line 13		243,021,166.	243,021,166.

Form 990-PF	Other Assets	Statement 12
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Description	Beginning of Yr Book Value	End of Year Book Value	Fair Market Value
Accrued Interest and Dividends	1,606,231.	1,702,591.	1,702,591.
Federal Excise Tax Rec'ble	92,000.	0.	0.
To Form 990-PF, Part II, line 15	1,698,231.	1,702,591.	1,702,591.

Form 990-PF	Other Liabilities	Statement 13
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Description	BOY Amount	EOY Amount
Deferred Federal Excise Taxes Payable	0.	644,540.
Total to Form 990-PF, Part II, line 22	0.	644,540.

Burroughs Wellcome Fund
Page 2 Part II line 14 Fixed Asset schedule #14
990-PF 2010 for Fiscal year ended 8/31/2011

Assets

	Balance 8/31/2010	Additions	Retirements	Balance 8/31/2011
Building	13,450,864	-	-	13,450,864
Furniture/Office Equipment	1,957,131	5,261	-	1,962,393
Computer Hardware	1,159,221	44,822	-	1,204,043
Fixed Assets - Other	91,637		-	91,637
Total	16,658,853	50,083	-	16,708,936

Accumulated Depreciation

	Accumulated Depreciation 8/31/2010	Depreciation Expense	Retirements	Accumulated Depreciation 8/31/2011
Building	3,629,489	336,281	-	3,965,770
Furniture/Office Equipment	1,896,031	23,997	-	1,920,029
Computer Hardware	1,116,802	34,369	-	1,151,170
Fixed Assets - Other	-	-	-	-
Total	6,642,323		-	7,036,969

Burroughs Wellcome Fund Supplementary Statement for fiscal year ending 08/31/2011

Attachment to Statement #15

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

NAME	TITLE	AVERAGE HOURS	COMPENSATION	EMPLOYEE BENEFIT CONTRIBUTION	EXPENSE ACCOUNT
		per WEEK			
Alberts honorarium	Board Member	1	10,000	0	0
Bustamante honorarium	Board Member	1	15,500	0	0
Gerber honorarium	Board Member	1	12,000	0	0
Gold honorarium	Board Member	1	10,000	0	0
Hieger honorarium	Investment Committee	1	1,500	0	0
Langford honorarium	Board Member	1	10,000	0	0
Niemasik honorarium	Investment Committee	1	500	0	0
Shatz honorarium	Board Member	1	10,000	0	0
Strauss honorarium	Board Member	1	11,000	0	0
Swain honorarium	Board Member	1	10,000	0	0
Wirth honorarium	Board Member	1	11,500	0	0
Slawsky honorarium	Investment Committee	1	1,000	0	0
Bishop honorarium	Board Member	1	-	0	0
Even honorarium	Investment Committee	1	-	0	0
Hirschmann honorarium	Investment Committee	1	-	0	0
		Subtotal	103,000		

Grant Programs

For more information on the Burroughs Wellcome Fund's grant programs, visit www.bwfund.org.

BURROUGHS WELLCOME FUND

21 T.W. Alexander Drive
PO Box 13901
Research Triangle Park, NC 27709
1 919 991 5100 • 1 919 991 5160

More information about BWF is
available at www.bwfund.org.



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 researchers from degree-granting institutions to travel to a laboratory to acquire a new research technique or to facilitate a collaboration. Consideration is given to applicants who hold a Ph.D. or are studying for a Ph.D. in mathematics, physics, chemistry, computer science, statistics, or engineering who are interested in investigating research opportunities in the biological sciences or to biologists interested in working with physical scientists, mathematicians, engineers, chemists, statisticians, or computer scientists to incorporate their ideas and approaches to answering biological questions.

Career Guidance

Career Guidance for Trainees: Award supports demonstration projects that will model affordable approaches to improving trainees' readiness for stable, fulfilling careers, whether by clarifying and improving their basic "Ph.D.-level" skills, by helping them identify how they can best use their skills and interests to serve the needs of potential employers by providing them approaches to thinking through their career options, or by other strategies.

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. The awards are intended to give recipients the freedom and flexibility to pursue new avenues of inquiry and higher-risk research projects that hold potential for advancing significantly the biochemical, pharmacological, immunological, and molecular biological understanding of how infectious agents and the human body interact.

Interfaces in Science

Career Awards at the Scientific Interface: Five-year awards provide \$500,000 to bridge advanced postdoctoral training and the first three years of faculty service. These awards are intended to foster the early career development of researchers with backgrounds in the physical/mathematical/computational sciences whose work addresses biological questions. BWF has moved to a self-nomination format for this award only.

Board of Directors

Bruce Alberts, Ph.D.
 Nancy Andrews, M.D., Ph.D.
 J. Michael Bishop, M.D.
 John E. Burris, Ph.D. (BWF president)
 Carlos J. Bustamante, Ph.D.
 Geoff Gerber, Ph.D.
 George Langford, Ph.D. (chair)
 Rouerick R. McInnes, M.D., Ph.D.
 Carla Shtatz, Ph.D.
 Dyan F. Wirth, Ph.D.
 Michael J. Welsh, M.D.

Population and Laboratory Based Sciences

Institutional Program Unifying Population and Laboratory Based Sciences: Five-year awards provide \$2.5 million to unite population-level and laboratory-based biological sciences. The award supports the training of researchers working between existing research concentrations in population approaches to health and in basic biological sciences. The goal is to establish interdisciplinary training programs by partnering researchers working in disparate environments and intellectual frameworks.

Reproductive Science

Preterm Birth Initiative: Awards will 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. The formation of new connections between reproductive scientists and investigators who are involved in other areas will give preterm birth research a fresh look. Full research grants will provide up to \$600,000 over a four-year period.

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

The Burroughs Wellcome Fund is an independent private foundation dedicated to advancing the biomedical sciences by supporting research and other scientific and educational activities. Within this broad mission, BWF seeks to accomplish two primary goals—to help scientists early in their careers develop as independent investigators and to advance fields in the basic biomedical sciences that are undervalued or in need of particular encouragement.

Financial support is channeled primarily through competitive peer-reviewed award programs. Grants are made primarily to degree-granting institutions on behalf of individual researchers. To complement these competitive award programs, grants are also made to nonprofit organizations conducting activities intended to improve the general environment for science.

BWF was founded in 1955 as the corporate foundation of Burroughs Wellcome Co., the U.S. branch of the Wellcome pharmaceutical enterprise, based in the United Kingdom. In 1993, BWF received a \$400 million gift from the Wellcome Trust, the main entity in the enterprise, to become a fully independent foundation.

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
 PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #17
 GRANTS PAID DURING THE YEAR
 GRANTS TO INDIVIDUALS

NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
Career Award at the Scientific Interface Board of Trustees of the Leland Stanford Junior University Dunn, Alexander Dept. of Chemical Engineering 381 North-South Mall Stanford, CA 94305	26606	10/15/2010	\$30,000
Single molecule characterization of the energetic landscape underlying mvosin force generation Board of Trustees of the Leland Stanford Junior University Cegelski, Lynette Dept. of Chemistry Mudd Building, Room 121333 Campus Drive Stanford, CA 94305-5080	27047	1/13/2011	\$60,000
Mapping the structural and functional landscape of the microbial extracellular matrix Board of Trustees of the Leland Stanford Junior University Dunn, Alexander Dept. of Chemical Engineering 381 North-South Mall Stanford, CA 94305	27515	4/15/2011	\$60,000
Single molecule characterization of the energetic landscape underlying mvosin force generation Board of Trustees of the Leland Stanford Junior University Cegelski, Lynette Dept. of Chemistry Mudd Building, Room 121333 Campus Drive Stanford, CA 94305-5080	28150	7/15/2011	\$60,000
Mapping the structural and functional landscape of the microbial extracellular matrix Brown University Raphael, Benjamin J. Dept. of Computer Science Center for Computational Molecular Biology Box 1910 Providence, RI 02912	28091	7/15/2011	\$30,000
High-resolution analysis of tumor genome architectures California Institute of Technology Wagenaar, Daniel A. CalTech 216-76 Pasadena, CA 91125	26614	10/15/2010	\$35,000
Neural circuitry and mechanisms of multisensory integration in a predatory invertebrate Columbia University Pe'er, Dana Dept. of Biological Sciences 1212 Amsterdam Avenue, MC 2402 New York, NY 10027	27004	1/13/2011	\$60,000
A systems approach to elucidate integration of signal and decision in cells Columbia University Pe'er, Dana Dept. of Biological Sciences 1212 Amsterdam Avenue, MC 2402 New York, NY 10027	28100	7/15/2011	\$60,000
A systems approach to elucidate integration of signal and decision in cells Curators of the University of Missouri Kira, Gavin M. Dept. of Physics and Astronomy 223 Physics Building UMC Columbia, MO 65211	26601	10/15/2010	\$30,000
The dynamic structural biology of ion channel proteins: an ultra-stable atomic force microscope study Curators of the University of Missouri Kira, Gavin M. Dept. of Physics and Astronomy 223 Physics Building UMC Columbia, MO 65211	27507	4/15/2011	\$30,000
The dynamic structural biology of ion channel proteins: an ultra-stable atomic force microscope study Duke University			\$30,000

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #17
GRANTS PAID DURING THE YEAR
GRANTS TO INDIVIDUALS

NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
Buchler, Nicolas E. Depts. of Biology and Physics Institute for Genome Science & Policy 2119 CIEMAS 101 Science Drive, Box 3382 Durham, NC 27710	26599	10/15/2010	
Gene duplication and the evolution of function in regulatory networks Duke University			
Buchler, Nicolas E. Depts. of Biology and Physics Institute for Genome Science & Policy 2119 CIEMAS 101 Science Drive, Box 3382 Durham, NC 27710	27505	4/15/2011	\$30,000
Gene duplication and the evolution of function in regulatory networks Emory University			
Prinz, Astrid A. Dept. of Biology, Wayne Rollins Research Center, Room 2105 1510 Clifton Road Atlanta, GA 30322	28092	7/15/2011	\$25,000
Models of activity-dependent homeostatic regulation in neural networks on the basis of brute force exploration of high-dimensional parameter spaces Georgia Tech Research Corporation			
Kim, Harold D. School of Physics B-83, Boags Building 770 State Street Atlanta, GA 30332	26600	10/15/2010	\$30,000
Understanding the mechanisms of sensitivity in gene expression Georgia Tech Research Corporation			
Goldman, Daniel I. School of Physics 837 State Street NW Howe-C202 Atlanta, GA 30332-0430	27003	1/13/2011	\$60,000
Dynamic locomotion on challenging substrates Georgia Tech Research Corporation			
Weitz, Joshua S. School of Biology 310 First Drive Cherry Emerson 219 Atlanta, GA 30332	27023	1/13/2011	\$25,000
Evolutionary ecology of bacterial viruses Georgia Tech Research Corporation			
Kim, Harold D. School of Physics B-83, Boags Building 770 State Street Atlanta, GA 30332	27506	4/15/2011	\$30,000
Understanding the mechanisms of sensitivity in gene expression Georgia Tech Research Corporation			
Goldman, Daniel I. School of Physics 837 State Street NW Howe-C202 Atlanta, GA 30332-0430	28099	7/15/2011	\$40,000
Dynamic locomotion on challenging substrates Georgia Tech Research Corporation			
Weitz, Joshua S. School of Biology 310 First Drive Cherry Emerson 219 Atlanta, GA 30332	28126	7/15/2011	\$25,000
Evolutionary ecology of bacterial viruses Georgia Tech Research Corporation			
Heitsch, Christine E. School of Mathematics 686 Cherry Street Atlanta, GA 30332-0160	28093	7/15/2011	\$30,000
A combinatorial and computational approach to deciphering the biological information encoded by single-stranded nucleotide sequences Johns Hopkins University			
Sarma, Sridevi Vedula Dept. of Biomedical Engineering 3400 North Charles Street CSEB 316C	26607	10/15/2010	\$30,000

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
PARTXV SUPPLEMENTAL INFORMATION - LINE3a SCHEDULE #17
GRANTS PAID DURING THE YEAR
GRANTS TO INDIVIDUALS

Page 3 of 47

NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
Baltimore, MD 21218 Improved therapies for Parkinson's disease using advanced engineering methods Johns Hopkins University Sarna, Sridevi Vedula Dept. of Biomedical Engineering 3400 North Charles Street CSEB 316C Baltimore, MD 21218	27516	4/15/2011	\$30,000
Improved therapies for Parkinson's disease using advanced engineering methods Johns Hopkins University Cummings, Derek International Health 615 North Wolfe Street E5534 Baltimore, MD 21205	28125	7/15/2011	\$60,000
Natural and vaccine-induced immunity and spatiotemporal dynamics of epidemic disease Massachusetts Institute of Technology Sikes, Hadley D. Dept. of Chemical Engineering Room 66-165177 Massachusetts Avenue Cambridge, MA 02139	26598	10/15/2010	\$30,000
Well-defined, supramolecular assemblies of redox enzymes via templated self-assembly for use in mechanistic electron transport studies and targeted apoptosis Massachusetts Institute of Technology Regev, Aviv Dept. of Biology, MIT Broad Institute of MIT and Harvard University 7 Cambridge Center, Room 6031 Cambridge, MA 02142	27007	1/13/2011	\$60,000
From modules to mechanisms: the function and evolution of molecular networks Massachusetts Institute of Technology Sikes, Hadley D. Dept. of Chemical Engineering Room 66-165177 Massachusetts Avenue Cambridge, MA 02139	27504	4/15/2011	\$30,000
Well-defined, supramolecular assemblies of redox enzymes via templated self-assembly for use in mechanistic electron transport studies and targeted apoptosis New York University Brulic, Jasna Dept. of Physics Center for Soft Matter Research 4 Washington Place New York, NY 10003	27002	1/13/2011	\$30,000
Mechanical networks in biology: from proteins to cells New York University Kussell, Edo L. Dept. of Biology Center for Comparative Functional Genomics 1009 Silver Center 100 Washington Square East New York, NY 10003-6688	27009	1/13/2011	\$30,000
Evolution of microbial physiology New York University Brulic, Jasna Dept. of Physics Center for Soft Matter Research 4 Washington Place New York, NY 10003	28098	7/15/2011	\$60,000
Mechanical networks in biology: from proteins to cells New York University Kussell, Edo L. Dept. of Biology Center for Comparative Functional Genomics 1009 Silver Center 100 Washington Square East New York, NY 10003-6688	28103	7/15/2011	\$60,000
Evolution of microbial physiology Portland State University Goforth, Andrea Mitchell Dept. of Chemistry 1719 SW 10th Avenue SB2 Room 262 Portland, OR 97201	27049	1/13/2011	\$60,000
Bimodal, luminescent/magnetic nanoparticle assemblies targeted to alpha-4-beta-1 integrin for tumor imaging and therapy			

NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
Portland State University Goforth, Andrea Mitchell Dept. of Chemistry 1719 SW 10th Avenue SB2 Room 262 Portland, OR 97201	28152	7/15/2011	\$60,000
Bimodal, luminescent/magnetic nanoparticle assemblies targeted to alpha-4-beta-1 integrin for tumor imaging and therapy President and Fellows of Harvard College Rust, Michael	26616	10/15/2010	\$35,000
Dept. of Molecular Genetics and Cell Biology KCBD 10124900 E 57th Street Chicago, IL 60637	28339	8/15/2011	\$70,000
Nonlinear dynamics underlying the cyanobacterial circadian clock President and Fellows of Harvard College Douglas, Shawn Michael	28338	8/15/2011	\$50,000
Wyss Institute 3 Blackfan Circle, 528-8F Boston, MA 02115	26604	10/15/2010	\$30,000
Self-assembled DNA devices for nanoscale manipulation of immune signal transduction President and Fellows of Harvard College Churchman, L. Stirling	26612	10/15/2010	\$35,000
Dept. of Cellular and Molecular Pharmacology 1700 4th Street Bvers Hall - Room 404, MC 2542 San Francisco, CA 94158	26994	1/13/2011	\$30,000
Regulation of the RNA polymerase motor mechanism %in vivo% Recipients of the University of California Hammond, Mina	27513	4/15/2011	\$30,000
Dept. of Chemistry 1 Hildebrand Hall, Rm B84, Mail Code 1460 Berkeley, CA 94720-1460	28089	7/15/2011	\$60,000
Large-scale discovery and analysis of regulatory RNAs using computational and chemical approaches Recipients of the University of California Ganuli, Surva	28340	8/15/2011	\$70,000
Dept. of Physiology Sloan-Swartz Center, HSE-806513 Parnassus Avenue San Francisco, CA 94143-0444	26602		\$30,000
The expression and acquisition of sequence memory in neuronal networks Recipients of the University of California Valentine, Megan T.			
Dept. of Mechanical Engineering Engineering II Bldg., Room 2351C Santa Barbara, CA 93106-5070			
Establishing the mechanism of kinesin processivity Recipients of the University of California Hammond, Mina			
Dept. of Chemistry 1 Hildebrand Hall, Rm B84, Mail Code 1460 Berkeley, CA 94720-1460			
Large-scale discovery and analysis of regulatory RNAs using computational and chemical approaches Recipients of the University of California Valentine, Megan T.			
Dept. of Mechanical Engineering Engineering II Bldg., Room 2351C Santa Barbara, CA 93106-5070			
Establishing the mechanism of kinesin processivity Recipients of the University of California Goda, Keisuke			
Dept. of Electrical Engineering 420 Westwood Plaza 63-128 Los Angeles, CA 90095			
Development of high-throughput blood screening technology for real-time noninvasive cancer diagnostics and therapy Recipients of the University of California-Santa Cruz Sher, Alexander			

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Santa Cruz Institute for Particle Physics SCIPP/UCSC 1156 High Street Santa Cruz, CA 95064		10/15/2010	
Investigation of retinal processing through large-scale multielectrode recordings Recipients of the University of California-Santa Cruz			
Sher, Alexander	27510	4/15/2011	\$60,000
Santa Cruz Institute for Particle Physics SCIPP/UCSC 1156 High Street Santa Cruz, CA 95064			
Investigation of retinal processing through large-scale multielectrode recordings Recipients of the University of Michigan			
Biteen, Julie S.	26615	10/15/2010	\$30,000
Dept. of Chemistry 4821 Chemistry 930 N. University Avenue Ann Arbor, MI 48109-1055			
Superresolution imaging in live cells using a single-molecule active-control microscopy Recipients of the University of Michigan			
Joglekar, Aili P.	27508	4/15/2011	\$60,000
Dept. of Cell and Developmental Biology 3067 BSRB 109 Zina Pitcher Place Ann Arbor, MI 48109			
Building a mechanistic model of the structure and function of a kinetochore-microtubule attachment Recipients of the University of Michigan			
Biteen, Julie S.	27522	4/15/2011	\$30,000
Dept. of Chemistry 4821 Chemistry 930 N. University Avenue Ann Arbor, MI 48109-1055			
Superresolution imaging in live cells using a single-molecule active-control microscopy Recipients of the University of Michigan			
Joglekar, Aili P.	27942	6/16/2011	\$35,255
Dept. of Cell and Developmental Biology 3067 BSRB 109 Zina Pitcher Place Ann Arbor, MI 48109			
Building a mechanistic model of the structure and function of a kinetochore-microtubule attachment Rockefeller University			
Katiferi, Eleni	28342	8/15/2011	\$70,000
Center for Studies in Physics and Biology 1230 York Avenue, Box 75 New York, NY 10065			
Robustness and optimality in loop biological distribution networks Rockefeller University			
Reichenbach, Tobias J. D.	28343	8/15/2011	\$70,000
Laboratory for Sensorv Neuroscience 1230 York Avenue New York, NY 10065			
Low-frequency hearing in mammals Stanford University			
Das, Rhiu	26605	10/15/2010	\$30,000
Dept. of Biochemistry Beckman Center B400279 Campus Drive Stanford, CA 94305			
High resolution prediction of new RNA folds Stanford University			
Skotheim, Jan M.	26603	10/15/2010	\$30,000
Dept. of Biology 371 Serra Mall Stanford, CA 94305-5020			
A systems level approach to cell cycle control: from molecules to motifs to physiology Stanford University			
Das, Rhiu	27514	4/15/2011	\$30,000
Dept. of Biochemistry Beckman Center B400279 Campus Drive Stanford, CA 94305			

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High resolution prediction of new RNA folds Stanford University Skotheim, Jan M. Dept. of Biology 371 Serra Mall Stanford, CA 94305-5020 A systems level approach to cell cycle control: from molecules to motifs to physiology Trustees of Boston University Kramer, Mark A. Dept. of Mathematics and Statistics 111 Communion Street Boston, MA 02215 Population rhythms of epilepsy Trustees of Boston University Ritt, Jason T. Dept. of Biomedical Engineering 44 Communion Street Boston, MA 02215 Active sensing in natural and robotic organisms Trustees of Boston University Gardner, Timothy J. Dept. of Biology Laboratory of Neural Circuit Formation 5 Communion Street Boston, MA 02215 Tracking neural programs for song Trustees of Boston University Ritt, Jason T. Dept. of Biomedical Engineering 44 Communion Street Boston, MA 02215 Active sensing in natural and robotic organisms Trustees of Boston University Kramer, Mark A. Dept. of Mathematics and Statistics 111 Communion Street Boston, MA 02215 Population rhythms of epilepsy Trustees of Boston University Gardner, Timothy J. Dept. of Biology Laboratory of Neural Circuit Formation 5 Communion Street Boston, MA 02215 Tracking neural programs for song Trustees of Princeton University Nelson, Celeste M. Dept. of Chemical Engineering A321 Engineering Quadrangle Princeton, NJ 08544 Biophysical dynamics in the regulation of tissue morphogenesis Trustees of Princeton University Nelson, Celeste M. Dept. of Chemical Engineering A321 Engineering Quadrangle Princeton, NJ 08544 Biophysical dynamics in the regulation of tissue morphogenesis Trustees of Princeton University Schoelz, Eva-Maria Lewis-Slater Institute for Integrative Genomics 170 Carl Icahn Laboratory Washington Road Princeton, NJ 08544 Biophysical approaches to study stem cell dynamics during regeneration in planarians Trustees of the University of Pennsylvania	27512	4/15/2011	\$60,000
	26613	10/15/2010	\$60,000
	26734	11/15/2010	\$30,000
	26995	1/13/2011	\$60,000
	27509	4/15/2011	\$30,000
	27521	4/15/2011	\$60,000
	28090	7/15/2011	\$60,000
	27020	1/13/2011	\$60,000
	28122	7/15/2011	\$60,000
	28344	8/15/2011	\$70,000
			\$60,000

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Geffen, Maria Neimark Dept. of Otorhinolaryngology and Head and Neck Surgery 3400 Spruce St. - 5 Ravdin Philadelphia, PA 19104	26608	10/15/2010	
Perception and neural encoding of textured sounds Trustees of the University of Pennsylvania Rai, Ariun	26609	10/15/2010	\$30,000
Dept. of Bioengineering 210 S. 33rd Street 240 Skirkanich Hall Philadelphia, PA 19104-6321 Stochastic gene expression in development: from phenomena to function Trustees of the University of Pennsylvania Plotkin, Joshua B.	26991	1/13/2011	\$30,000
Depts. of Biology and Computer Science Lehigh Laboratories 433 South University Avenue Philadelphia, PA 19104-6017 Novel methods to compute selection pressures on proteins at the genome-wide scale Trustees of the University of Pennsylvania Geffen, Maria Neimark	27321	3/15/2011	\$121,107
Dept. of Otorhinolaryngology and Head and Neck Surgery 3400 Spruce St. - 5 Ravdin Philadelphia, PA 19104 Perception and neural encoding of textured sounds Trustees of the University of Pennsylvania Geffen, Maria Neimark	27517	4/15/2011	\$60,000
Dept. of Otorhinolaryngology and Head and Neck Surgery 3400 Spruce St. - 5 Ravdin Philadelphia, PA 19104 Perception and neural encoding of textured sounds Trustees of the University of Pennsylvania Rai, Ariun	27518	4/15/2011	\$30,000
Dept. of Bioengineering 210 S. 33rd Street 240 Skirkanich Hall Philadelphia, PA 19104-6321 Stochastic gene expression in development: from phenomena to function Trustees of the University of Pennsylvania Plotkin, Joshua B.	28086	7/15/2011	\$60,000
Depts. of Biology and Computer Science Lehigh Laboratories 433 South University Avenue Philadelphia, PA 19104-6017 Novel methods to compute selection pressures on proteins at the genome-wide scale University of California-San Diego Marsden, Alison L.	27022	1/13/2011	\$30,000
Dept. of Mechanical and Aerospace Engineering (MAE) 9500 Gilman Drive La Jolla, CA 92093-0411 Engineering new treatments for cardiovascular disease via optimal design and physiologic simulation University of California-San Diego Marsden, Alison L.	28124	7/15/2011	\$60,000
Dept. of Mechanical and Aerospace Engineering (MAE) 9500 Gilman Drive La Jolla, CA 92093-0411 Engineering new treatments for cardiovascular disease via optimal design and physiologic simulation University of California-San Francisco Ganagli, Surva	28166	7/15/2011	\$27,000
Dept. of Physiology Sloan-Swartz Center, HSE-806513 Parnassus Avenue San Francisco, CA 94143-0444 The expression and acquisition of sequence memory in neuronal networks University of Chicago Gardel, Margaret L.	27005	1/13/2011	\$30,000
Dept. of Physics James Franck Institute and Institute for Biophysical Dynamics CIS E233929 East 57th Street			

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Chicago, IL 60637 Dynamic force generation in cell migration University of Chicago Biron, David	27048	1/13/2011	\$60,000
Dept. of Physics James Franck Institute 929 E. 57th Street GCIS E139F Chicago, IL 60637 Understanding small neural circuits University of Chicago Rust, Michael	27523	4/15/2011	\$60,000
Dept. of Molecular Genetics and Cell Biology KCBD 10124900 E 57th Street Chicago, IL 60637 Nonlinear dynamics underlying the cyanobacterial circadian clock University of Chicago Biron, David	28151	7/15/2011	\$60,000
Dept. of Physics James Franck Institute 929 E. 57th Street GCIS E139F Chicago, IL 60637 Understanding small neural circuits University of Chicago Gardel, Margaret L.	28101	7/15/2011	\$30,000
Dept. of Physics James Franck Institute and Institute for Biophysical Dynamics CIS E233929 East 57th Street Chicago, IL 60637 Dynamic force generation in cell migration University of Illinois Kraft, Marv L.	27021	1/13/2011	\$60,000
Dept. of Chemical & Biomolecular Engineering 600 South Mathews Avenue 114 RAL, Box C-3 Urbana, IL 61801 Composition analysis of the influenza virus pre-envelope by multiple isotope imaging mass spectrometry (MIMS) University of Illinois Kraft, Marv L.	28123	7/15/2011	\$60,000
Dept. of Chemical & Biomolecular Engineering 600 South Mathews Avenue 114 RAL, Box C-3 Urbana, IL 61801 Composition analysis of the influenza virus pre-envelope by multiple isotope imaging mass spectrometry (MIMS) University of Illinois-Urbana-Champaign Chemla, Yann R.	26993	1/13/2011	\$30,000
Dept. of Physics 161 Loomis Laboratory 1110 West Green Street Urbana, IL 61801 Single-molecule study of bacteriophage DNA packaging and mitochondrial protein import University of Illinois-Urbana-Champaign Chemla, Yann R.	28088	7/15/2011	\$30,000
Dept. of Physics 161 Loomis Laboratory 1110 West Green Street Urbana, IL 61801 Single-molecule study of bacteriophage DNA packaging and mitochondrial protein import University of North Carolina-Chapel Hill Joglekar, Ait P.	26435	9/15/2010	\$30,000
Dept. of Cell and Developmental Biology 3067 BSRB 109 Zina Pitcher Place Ann Arbor, MI 48109 Building a mechanistic model of the structure and function of a kinetochore-microtubule attachment University of North Carolina-Chapel Hill Miller, Laura A.	27008	1/13/2011	\$60,000
Dept. of Mathematics Phillips Hall, Room 305ACB 3250 Chapel Hill, NC 27599-3250 Developmental and evolutionary biofluid dynamics: case studies in locomotion and heart development			

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University of Rochester Dubra-Suarez, Alfredo Flaum Eve Institute601 Elmwood Avenue Rochester, NY 14642-0314 Understanding claucoma through structural and functional in vivo cellular imaaina of the retina	26610	10/15/2010	\$30,000
University of Rochester Dubra-Suarez, Alfredo Flaum Eve Institute601 Elmwood Avenue Rochester, NY 14642-0314 Understanding claucoma through structural and functional in vivo cellular imaaina of the retina	27519	4/15/2011	\$60,000
University of Southern California Horsager, Alan Institute for Genetic Medicine2250 Alcazar StreetCSC 256 Los Angeles, CA 90033 Using genetically-targeted neural modulation to examine retinal circuits and restore vision in the blind	28341	8/15/2011	\$70,000
University of Texas Southwestern Medical Center-Dallas Cowell, Lindsay G. Division of Biomedical InformaticsDept. of Clinical Sciences5323 Harry Hines Blvd.F4.212b, MC9066 Dallas, TX 75390-9066 Novel statistical approach to deducing the function of regulatory DNA: examples from analyses of recombination signal sequences	26867	12/15/2010	\$55,381
University of Texas-Austin Webb, Lauren J. Dept. of Chemistrv and Biochemistrv1 University Station, A5300 Austin, TX 78712-0165 Electrostatic fields at the protein-protein interface	27046	1/13/2011	\$60,000
University of Texas-Austin Webb, Lauren J. Dept. of Chemistrv and Biochemistrv1 University Station, A5300 Austin, TX 78712-0165 Electrostatic fields at the protein-protein interface	28149	7/15/2011	\$60,000
University of Washington Seella, Geora Dept. of Electrical Engineering185 Stevens WavPaul Allen Center -- Room AE100RCampus Box 352500 Seattle, WA 98195-2500 Nucleic acid loaic circuits for conditional aene regulation	26735	11/15/2010	\$30,000
University of Washington Shea-Brown, Eric T. Dept. of Applied Mathematics415F Guqqenhniem Hall Seattle, WA 98195 Neurobiolocal dynamics of timina and decisions	27006	1/13/2011	\$30,000
University of Washington Seella, Geora Dept. of Electrical Engineering185 Stevens WavPaul Allen Center -- Room AE100RCampus Box 352500 Seattle, WA 98195-2500 Nucleic acid loaic circuits for conditional aene regulation	27520	4/15/2011	\$60,000
University of Washington Shea-Brown, Eric T. Dept. of Applied Mathematics415F Guqqenhniem Hall Seattle, WA 98195 Neurobiolocal dynamics of timina and decisions	28102	7/15/2011	\$60,000
Washington University Silva, Jonathan Rodolfo	28345		\$70,000

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Dept. of Cell Biology and Physiology 425 S. Euclid Avenue - Campus Box 8228 St. Louis, MO 63110		8/15/2011	
Applying molecular spectroscopy to derive multi-scale cardiac bioelectricity models Weill Medical College of Cornell University			
Aksav, Emre	26992	1/13/2011	\$30,000
Dept. of Physiology & Biophysics 1300 York Ave. Box 75 New York, NY 10021			
Neural mechanisms for control of eye position Weill Medical College of Cornell University			
Aksav, Emre	28087	7/15/2011	\$60,000
Dept. of Physiology & Biophysics 1300 York Ave. Box 75 New York, NY 10021			
Neural mechanisms for control of eye position Career Award for Science and Mathematics Teachers			
Buncombe County Schools Bowman, Michael J	27948	6/16/2011	\$30,000
890 Clark's Chapel Rd Weaverville, NC 28787			
Bowman, Michael -- From Inquiry To STEM, Reforming Mv Classroom, Mv School, Mv District. Cumberland County Schools	27951	6/16/2011	\$30,000
Kaiser, Heather M 225 B St.			
Fayetteville, NC 28301			
Kaiser, Heather - Simulations that Stimulate Student Scientists Evergreen Community Charter School	27952	6/16/2011	\$30,000
Miles, Stuart Thomas 146 Bell Road			
Asheville, NC 28805			
Miles, Stuart - Career Awards in Science and Mathematics Hawwood County Schools	27953	6/16/2011	\$30,000
Northrup, Amanda 71 Learning Ln			
Clide, NC 28721			
Northrup, Amanda -- Enriching Elementary STEM Teaching and Learning Through Professional Development and Science Equipment Rooms Murphree Traditional Academy			
Walker, Claudia Isabel 2306 Ontario Street	27536	4/15/2011	\$15,000
Greensboro, NC 27401			
Murphree's Math and Technology Initiative, Claudia Walker, Murphree Traditional Academy, Guilford County Schools Transylvania County Schools	27537	4/15/2011	\$15,000
Williams, Jennifer 747 Country Club Road			
Brevard, NC 28712			
Jennifer Williams, Brevard High School, Transylvania County Schools Warren New Tech High School	27538	4/15/2011	\$15,000
Hendrickson, William Science 427 W. Franklin Street			
Warrenton, NC 27589			
Science at New Tech, the Impetus for a New Future for Warren County William Hendrickson, Warren New Tech High School, Warren County Schools Winston-Salem Forsyth County Schools	\$30,000.00		\$30,000
Bartlett, Wendy Elizabeth 1600 Brewer Road	27949	6/16/2011	

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Winston-Salem, NC 27127 Bartlett, Wendy -- Using Technology to Engage Students in the Mathematics Classroom Winston-Salem Forsyth County Schools Fisher, Gregory Scott 342 Petree Rd Winston-Salem, NC 27106 Fisher, Gregory -- Strengthening the Math Instruction in Forsyth County Career Awards in the Biomedical Sciences Baylor College of Medicine Pandaas, Stephanie A. Dept. of Pathology One Baylor Plaza S230 Houston, TX 77030 Defining the role of TGFb superfamily in ovarian cancer through mouse models Baylor College of Medicine Pandaas, Stephanie A. Dept. of Pathology One Baylor Plaza S230 Houston, TX 77030 Defining the role of TGFb superfamily in ovarian cancer through mouse models California Institute of Technology Clermons, William (Bill) M. Dept. of Chemistry 1200 E. California Blvd. MC 114-96 Pasadena, CA 91125 Structural studies of complexes involved in protein translocation and synthesis Case Western Reserve University Abbott, Derek W. Dept. of Pathology Room 5123 Wolstein Research Bldg., Fifth Floor 2103 Cornell Road Cleveland, OH 44106 Regulation of innate immunity via non-traditional ubiquitin linkages Case Western Reserve University Abbott, Derek W. Dept. of Pathology Room 5123 Wolstein Research Bldg., Fifth Floor 2103 Cornell Road Cleveland, OH 44106 Regulation of innate immunity via non-traditional ubiquitin linkages Case Western Reserve University Abbott, Derek W. Dept. of Pathology Room 5123 Wolstein Research Bldg., Fifth Floor 2103 Cornell Road Cleveland, OH 44106 Regulation of innate immunity via non-traditional ubiquitin linkages Dana Farber Cancer Institute Weinstock, David M. 44 Binney Street, D510B Boston, MA 02115 Defining individual DNA double-strand break repair capacity using zinc-finger nucleases Dana Farber Cancer Institute Garraway, Levi A. Dept. of Medical Oncology 44 Binney Street Dana 632 Boston, MA 02115 Linking genetic alterations to tumor dependencies in human melanoma Dana Farber Cancer Institute Weinstock, David M. 44 Binney Street, D510B Boston, MA 02115	27950	6/16/2011	\$30,000
	27201	2/15/2011	\$55,250
	28319	8/15/2011	\$55,250
	27941	6/16/2011	\$58,000
	26433	9/15/2010	\$50,000
	27193	2/15/2011	\$50,000
	28311	8/15/2011	\$50,000
	26434	9/15/2010	\$64,000
	27204	2/15/2011	\$55,250
	27195	2/15/2011	\$64,000

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Defining individual DNA double-strand break repair capacity using zinc-finger nucleases Dana Farber Cancer Institute Walensky, Loren D. Medical Director, Program in Cancer Chemical Biology/DFCI/Children's Hospital BostonHarvard Medical School450 Brookline Avenue Boston, MA 02115-6013	28301	8/15/2011	\$55,250
Targeting protein interactions in vivo using chemically reinforced helical peptides Dana Farber Cancer Institute Weinstock, David M. 44 Binney Street, D510B Boston, MA 02115	28313	8/15/2011	\$47,918
Defining individual DNA double-strand break repair capacity using zinc-finger nucleases Dana Farber Cancer Institute Garraway, Levi A. Dept. of Medical Oncology44 Binney StreetDana 632 Boston, MA 02115	28323	8/15/2011	\$55,250
Linking genetic alterations to tumor dependencies in human melanoma Emory University School of Medicine Kean, Leslie S. Dept. of Pediatrics and Surgery101 Woodruff Circle5105 WMB Atlanta, GA 30322	27178	2/15/2011	\$50,000
Innate immunity and transplantation tolerance: Defining the role of natural killer (NK) cells in allograft rejection General Hospital Corporation Blower, Michael D. Dept. of Genetics and Molecular Biology6622 Simches Research Bldg, 185 Cambridge Street Boston, MA 02115	27196	2/15/2011	\$55,250
Analysis of the role of RNA in spindle assembly General Hospital Corporation Bernstein, Bradley E. Dept. of PathologyMassachusetts General Hospital149 13th Street, Room 7148 Charlestown, MA 02129	28294	8/15/2011	\$50,000
Proteomic studies of post-translational histone modifications General Hospital Corporation Blower, Michael D. Dept. of Genetics and Molecular Biology6622 Simches Research Bldg, 185 Cambridge Street Boston, MA 02115	28314	8/15/2011	\$58,000
Analysis of the role of RNA in spindle assembly Harvard Medical School Walensky, Loren D. Medical Director, Program in Cancer Chemical Biology/DFCI/Children's Hospital BostonHarvard Medical School450 Brookline Avenue Boston, MA 02115-6013	27182	2/15/2011	\$55,250
Targeting protein interactions in vivo using chemically reinforced helical peptides McGill University Sheppard, Donald C. Department of Microbiology and Immunology3775 University Street, Rm 510 Montreal, QC H3A 2B4	27302	3/15/2011	\$62,257
Isolation and characterization of genes involved in morphogenesis and virulence of <%=Aspergillus fumigatus%> Ohio State University Poirier, Michael G. Dept. of Physics1040 Physics Research Building191 West Woodruff Avenue Columbus, OH 43210-1117	28298	8/15/2011	\$55,250
A study of DNA accessibility within nucleosome arrays Ohio State University Research Foundation			\$55,250

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Poirier, Michael G. Dept. of Physics 1040 Physics Research Building 191 West Woodruff Avenue Columbus, OH 43210-1117 A study of DNA accessibility within nucleosome arrays Ohio State University Research Foundation	27179	2/15/2011	
Poirier, Michael G. Dept. of Physics 1040 Physics Research Building 191 West Woodruff Avenue Columbus, OH 43210-1117 A study of DNA accessibility within nucleosome arrays President and Fellows of Harvard College	28299	8/15/2011	\$15,960
Bernhardt, Thomas G. Dept. of Microbiology and Molecular Genetics 1300 Jefferson Park Avenue P.O. Box 800733 HSC Boston, MA 02115 Coordinating cell division and chromosome segregation in <%Escherichia coli%> President and Fellows of Harvard College	27199	2/15/2011	\$55,250
Sabeti, Pardis C. Dept. of Infectious Disease 7 Cambridge Center 7047-A Cambridge, MA 02215 Evolutionary genomics and its applications to human disease President and Fellows of Harvard College	27192	2/15/2011	\$64,000
Bernhardt, Thomas G. Dept. of Microbiology and Molecular Genetics 1300 Jefferson Park Avenue P.O. Box 800733 HSC Boston, MA 02115 Coordinating cell division and chromosome segregation in <%Escherichia coli%> President and Fellows of Harvard College	28318	8/15/2011	\$29,000
Sabeti, Pardis C. Dept. of Infectious Disease 7 Cambridge Center 7047-A Cambridge, MA 02215 Evolutionary genomics and its applications to human disease President and Fellows of Harvard College	28310	8/15/2011	\$64,000
Bernhardt, Thomas G. Dept. of Microbiology and Molecular Genetics 1300 Jefferson Park Avenue P.O. Box 800733 HSC Boston, MA 02115 Coordinating cell division and chromosome segregation in <%Escherichia coli%> Rector and Visitors of the University of Virginia	28317	8/15/2011	\$55,250
Hall, Ira M. Dept. of Biochemistry & Molecular Genetics 1300 Jefferson Park Avenue P.O. Box 800733 HSC Charlottesville, VA 22908-0733 Investigation of DNA copy-number fluctuation and epigenetic inheritance using genomic microarrays Regents of the University of California	27205	2/15/2011	\$64,000
Noble, Suzanne M. Dept. of Microbiology and Immunology Genentech Hall, Mission Bay 600 16th Street, Box 2200 San Francisco, CA 94143 Identification of virulence genes in <%Candida albicans%>, a diploid, commensal human fungal pathogen Regents of the University of California	27176	2/15/2011	\$32,000
Bautista, Diana M. Dept. of Molecular and Cell Biology 142 Life Sciences Addition #3200 Berkeley, CA 94720-3200 Molecular and cellular mechanisms of mechanotransduction in mammalian sensory neurons Regents of the University of California	27184	2/15/2011	\$64,000
Papa, Feroz R. Dept. of Medicine California Institute for Quantitative Biomedical Research (QB3) Mission Bay Campus 1700 4th Street Room 203B	27185	2/15/2011	\$50,000

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San Francisco. CA 94143 The connection between endoplasmic reticulum stress and type 2 diabetes Recipients of the University of California Ansel, Karl Mark	27202	2/15/2011	\$55,250
Dept. of Microbiology & Immunology 513 Parnassus Avenue, Room HSE 201H San Francisco. CA 94143-0414 Endogenous RNA interference and gene silencing in T cell differentiation Recipients of the University of California Field, Seth J.	28293	8/15/2011	\$55,250
Dept. of Medicine Cellular and Molecular Medicine-West, Room 3389500 Gilman Dr., MC 0707 La Jolla. CA 92093-0707 Comprehensive analysis of phosphoinositide function Recipients of the University of California Noble, Suzanne M.	28296	8/15/2011	\$64,000
Dept. of Microbiology and Immunology Genentech Hall, Mission Bay 600 16th Street, Box 2200 San Francisco. CA 94143 Identification of virulence genes in <%Candida albicans%>. a diploid, commensal human fungal pathogen Recipients of the University of California Papa, Feroz R.	28304	8/15/2011	\$50,000
Dept. of Medicine California Institute for Quantitative Biomedical Research (QB3) Mission Bay Campus 1700 4th Street Room 203B San Francisco. CA 94143 The connection between endoplasmic reticulum stress and type 2 diabetes Recipients of the University of California Ansel, Karl Mark	28320	8/15/2011	\$55,250
Dept. of Microbiology & Immunology 513 Parnassus Avenue, Room HSE 201H San Francisco. CA 94143-0414 Endogenous RNA interference and gene silencing in T cell differentiation Recipients of the University of California Zito, Karen M.	28289	8/15/2011	\$54,000
Division of Biological Sciences Center for Neuroscience 1544 Newton Court Davis. CA 95616 Regulation of synapse formation in the mammalian cortex Recipients of the University of California Bautista, Diana M.	28303	8/15/2011	\$64,000
Dept. of Molecular and Cell Biology 142 Life Sciences Addition #3200 Berkeley. CA 94720-3200 Molecular and cellular mechanisms of mechanotransduction in mammalian sensory neurons Recipients of the University of Michigan Lee, Cheng-Yu	27200	2/15/2011	\$58,000
Life Sciences Institute 210 Washtenaw Avenue Ann Arbor. MI 48109-2216 Genetic regulation of neural stem cell self-renewal Sloan-Kettering Institute Lond, Stephen B.	27190	2/15/2011	\$25,000
Program in Structural Biology Box 414, Room 305 RRL 1275 York Avenue New York. NY 10065 Atomic structures of open and closed voltage-dependent potassium channels and other eukaryotic membrane proteins Sloan-Kettering Institute Zallen, Jennifer A.	28291	8/15/2011	\$64,000
Developmental Biology Program 1275 York Avenue Box 266 New York. NY 10021 Molecular analysis of dynamic cell rearrangements in <%Drosophila%>			

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Sloan-Kettering Institute Lona. Stephen B. Program in Structural Biology Box 414, Room 305 RRL 1275 York Avenue New York, NY 10065	28308	8/15/2011	\$25,000
Atomic structures of open and closed voltage-dependent potassium channels and other eukaryotic membrane proteins Stanford University Porteus, Matthew H. Dept. of Pediatrics Stanford, CA 94305	26990	1/13/2011	\$55,250
Regulation of gene targeting in vertebrate somatic cells Stanford University Porteus, Matthew H. Dept. of Pediatrics Stanford, CA 94305	28085	7/15/2011	\$55,250
Regulation of gene targeting in vertebrate somatic cells Stanford University School of Medicine Liao, Yaping Jovce Dept. of Ophthalmology Stanford Medical Center 900 Blake Wilbur Drive W3047 Stanford, CA 94305	27183	2/15/2011	\$64,000
Neurophysiological dysfunction in calcium channelopathies Stanford University School of Medicine Liao, Yaping Jovce Dept. of Ophthalmology Stanford Medical Center 900 Blake Wilbur Drive W3047 Stanford, CA 94305	28302	8/15/2011	\$64,000
Neurophysiological dysfunction in calcium channelopathies Stowers Institute for Medical Research Gibson, Matthew C. 1000 E 50th Street Kansas City, MO 64110	27198	2/15/2011	\$50,000
Design principles in metazoan epithelia: the molecular control of growth and form Stowers Institute for Medical Research Gibson, Matthew C. 1000 E 50th Street Kansas City, MO 64110	28316	8/15/2011	\$50,000
Design principles in metazoan epithelia: the molecular control of growth and form Trustees of Columbia University in the City of New York Churchland, Mark M. Dept. of Neuroscience Kolb Annex 8th Floor, NYSP Unit 871051 Riverside Drive New York, NY 10032	28300	8/15/2011	\$56,500
Experimental study of settling neural processes in the primate brain University of British Columbia Kollmann, Tobias R. Dept. of Pediatrics Division of Immunological & Infectious Diseases CFRI, Room 304950 West 28th Avenue Vancouver, BC V5Z 4H4	26432	9/15/2010	\$50,000
Induction of protective immunity to listeria in neonates University of British Columbia Kollmann, Tobias R. Dept. of Pediatrics Division of Immunological & Infectious Diseases CFRI, Room 304950 West 28th Avenue Vancouver, BC V5Z 4H4	27181	2/15/2011	\$75,000
Induction of protective immunity to listeria in neonates University of British Columbia Gavnor, Erin C.	28290		\$55,250

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Dept. of Microbiology and Immunology 2558-2350 Health Sciences Mall Vancouver, BC V6T 1Z3 Molecular basis of colonization and invasion in the foodborne enteric pathogen <%Campylobacter jejuni%> University of California-Los Angeles		8/15/2011	
Liu, George Y. Division of Pediatric Infectious Diseases 8700 Beverly Blvd., Room 4220 Los Angeles, CA 90048	26431	9/15/2010	\$32,000
Role of Group B <%Streptococcus%> hemolysin/cytolysin and pili in the pathogenesis of invasive neonatal infections University of California-Los Angeles			
Liu, George Y. Division of Pediatric Infectious Diseases 8700 Beverly Blvd., Room 4220 Los Angeles, CA 90048	27174	2/15/2011	\$64,000
Role of Group B <%Streptococcus%> hemolysin/cytolysin and pili in the pathogenesis of invasive neonatal infections University of California-Los Angeles			
Liu, George Y. Division of Pediatric Infectious Diseases 8700 Beverly Blvd., Room 4220 Los Angeles, CA 90048	28292	8/15/2011	\$53,295
Role of Group B <%Streptococcus%> hemolysin/cytolysin and pili in the pathogenesis of invasive neonatal infections University of Massachusetts Medical School Rando, Oliver J.	27203	2/15/2011	\$55,250
Dept. of Biochemistry and Molecular Pharmacology Lazare Research Building 903 Worcester, MA 01605 Time scales of epigenetic inheritance: How and why University of Massachusetts Medical School Rando, Oliver J.	28321	8/15/2011	\$55,250
Dept. of Biochemistry and Molecular Pharmacology Lazare Research Building 903 Worcester, MA 01605 Time scales of epigenetic inheritance: How and why University of Massachusetts Medical School Rando, Oliver J.	28322	8/15/2011	\$29,000
Dept. of Biochemistry and Molecular Pharmacology Lazare Research Building 903 Worcester, MA 01605 Time scales of epigenetic inheritance: How and why University of Southern California Keck School of Medicine McGee, Aaron W.	27188	2/15/2011	\$64,000
Dept. of Pediatrics CHL Mail Stop 82 Los Angeles, CA 90033 Inhibition of plasticity in the adult central nervous system by Nogo-66 receptor signaling University of Southern California Keck School of Medicine McGee, Aaron W.	28306	8/15/2011	\$64,000
Dept. of Pediatrics CHL Mail Stop 82 Los Angeles, CA 90033 Inhibition of plasticity in the adult central nervous system by Nogo-66 receptor signaling University of Tennessee Health Science Center Kundu, Mondira	27189	2/15/2011	\$55,250
262 Danny Thomas Place MS 343 Memphis, TN 38105 Role of Ulk1 and autophagy in erythroid maturation University of Tennessee Health Science Center Kundu, Mondira	28307	8/15/2011	\$55,250

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Role of Uik1 and autohaav in ervthroid maturation University of Texas Southwestern Medical Center-Dallas Tu. Benjamin P. Dept. of Biochemistrv5323 Harrv Hines Blvd.. L3.104 Dallas, TX 75390-9038 Lodic of the yeast metabolic cvcle University of Texas Southwestern Medical Center-Dallas Tu. Benjamin P. Dept. of Biochemistrv5323 Harrv Hines Blvd.. L3.104 Dallas, TX 75390-9038 Lodic of the yeast metabolic cvcle University of Texas-Austin Sawver. Sara L. 1 Universitv Station. A4800 Austin, TX 78712 Usina rapid evolution to identifv intracellular proteins interactina with retrotransposons in yeast University of Texas-Austin Sawver. Sara L. 1 Universitv Station. A4800 Austin, TX 78712 Usina rapid evolution to identifv intracellular proteins interacting with retrotransposons in yeast University of Toronto Cowen. Leah E. Canada Research Chair in Microbial Genomics & Infectious DiseaseDept. of Medical Genetics & MicrobioloavMedical Sciences Bldg. R Toronto, ON M5S 1A8 Hsp90 and the evolution of pathoogens and their hosts University of Toronto Menedhini. Marc D. Dept. of Medical Genetics & MicrobioloavMedical Sciences Building. #43791 Kina's College Circle Toronto, ON M5S 1A8 Regulating chromatin domains in yeast and during animal development University of Toronto Cowen. Leah E. Canada Research Chair in Microbial Genomics & Infectious DiseaseDept. of Medical Genetics & MicrobioloavMedical Sciences Bldg. R Toronto, ON M5S 1A8 Hsp90 and the evolution of pathoogens and their hosts University of Toronto Faculty of Medicine Menedhini. Marc D. Dept. of Medical Genetics & MicrobioloavMedical Sciences Building. #43791 Kina's College Circle Toronto, ON M5S 1A8 Regulating chromatin domains in yeast and during animal development University of Utah Shabiro. Michael D. Dept. of Bioloav257 S 1400 E. Room 201 Salt Lake City, UT 84112 Genetic and developmental basis of skeletal diversity in ninesome sticklebacks Washington University Brody. David L. Dept. of Neuroloav660 South Euclid AvenueBox 8111 Saint Louis, MO 63110 Amyloid-beta and apolipoprotein E in traumatic brain iniurv Washington University	27194	2/15/2011	\$55.250
	28312	8/15/2011	\$55.250
	27191	2/15/2011	\$55.250
	28309	8/15/2011	\$55.250
	27197	2/15/2011	\$50.000
	28297	8/15/2011	\$60.000
	28315	8/15/2011	\$50.000
	27177	2/15/2011	\$57.028
	27940	6/16/2011	\$58.000
	27180	2/15/2011	\$55.250
			\$50.000

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Hsieh, Chvi-Sona Division of Rheumatology Room 6610 Clinical Science Research Building Campus Box 8045 Saint Louis, MO 63110	27175	2/15/2011	
Determining the antigen specificity of CD25+ CD4+ regulatory T cells Washington University School of Medicine Hsieh, Chvi-Sona	28295	8/15/2011	\$38,358
Division of Rheumatology Room 6610 Clinical Science Research Building Campus Box 8045 Saint Louis, MO 63110	27186	2/15/2011	\$55,250
Determining the antigen specificity of CD25+ CD4+ regulatory T cells Weill Medical College of Cornell University Rhee, Kyu Y.	28305	8/15/2011	\$55,250
Dept. of Medicine, Microbiology & Immunology Div. of International Medicine & Infectious Diseases 1300 York Avenue A-421 New York, NY 10021	26447	9/15/2010	\$85,000
Enzymes of intermediary metabolism in <%=Mycobacterium tuberculosis%>: Anti-mycobacterial targets of nitric oxide Weill Medical College of Cornell University Rhee, Kyu Y.	27315	3/15/2011	\$85,000
Dept. of Medicine, Microbiology & Immunology Div. of International Medicine & Infectious Diseases 1300 York Avenue A-421 New York, NY 10021	26444	9/15/2010	\$85,000
Enzymes of intermediary metabolism in <%=Mycobacterium tuberculosis%>: Anti-mycobacterial targets of nitric oxide Career Awards in the Medical Sciences Albert Einstein College of Medicine Desruisseaux, Mahalia Sabrina	26448	9/15/2010	\$35,000
Department of Pathology and Medicine 1300 Morris Park Avenue- Goldina 704 Bronx, NY 10461	26452	9/15/2010	\$37,813
Neuroparasitology: neurological complications of cerebral malaria Albert Einstein College of Medicine Desruisseaux, Mahalia Sabrina	26460		\$35,000
Department of Pathology and Medicine 1300 Morris Park Avenue- Goldina 704 Bronx, NY 10461			
Neuroparasitology: neurological complications of cerebral malaria Baylor College of Medicine Probst, Frank J.			
Department of Molecular and Human Genetics BCM225 One Baylor Plaza Houston, TX 77030			
Generation of mouse models for X-linked diseases Baylor College of Medicine Probst, Frank J.			
Department of Molecular and Human Genetics BCM225 One Baylor Plaza Houston, TX 77030			
Generation of mouse models for X-linked diseases Briham and Women's Hospital Ebert, Benjamin Levine			
Karp 5.21175 Francis Street Boston, MA 02115			
Genomic approaches to disorders of erythroid differentiation Briham and Women's Hospital Alorantis, Antonios O.			
Dept. of Medicine Division of Rheumatology, Immunology, and Allergy Room 205 Harvard School of Public Health Francois-Xavier Bagnoud Boston, MA 02115-6017			
Novel regulators of the osteoclast differentiation program Briham and Women's Hospital Plenae, Robert M.			

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Dept. of Medicine Broad Institute of MIT and Harvard 7 Cambridge Center Cambridge, MA 02142		9/15/2010	
Genotype-phenotype studies of rheumatoid arthritis susceptibility genes Brigham and Women's Hospital Ebert, Benjamin Levine Karp 5.21175 Francis Street Boston, MA 02115	27316	3/15/2011	\$70,000
Genomic approaches to disorders of erythroid differentiation Brigham and Women's Hospital Plencoe, Robert M.	27325	3/15/2011	\$70,000
Dept. of Medicine Broad Institute of MIT and Harvard 7 Cambridge Center Cambridge, MA 02142			
Genotype-phenotype studies of rheumatoid arthritis susceptibility genes Brigham and Women's Hospital Shulman, Joshua Marc	28332	8/15/2011	\$95,000
Brigham and Women's Hospital 77 Avenue Louis Pasteur NRB 168A Boston, MA 02115			
Shulman, Joshua -- Exploring the Genetics of Parkinson's Disease in Humans and Drosophila Brigham and Women's Hospital Wesemann, Duane Robert 75 Francis Street Boston, MA 02115	28336	8/15/2011	\$95,000
Wesemann, Duane - Extramedullary B Cell Development in the Gut Lamina Propria Brown University			
Morrow, Eric Matthew Director, Developmental Disorders Genetics Research Department of Psychiatry and Human Behavior 70 Shio Street Providence, RI 02903	26440	9/15/2010	\$75,625
Identification of autism genes in special founder populations using high-density SNP microarrays Brown University			
Morrow, Eric Matthew Director, Developmental Disorders Genetics Research Department of Psychiatry and Human Behavior 70 Shio Street Providence, RI 02903	27308	3/15/2011	\$75,625
Identification of autism genes in special founder populations using high-density SNP microarrays Case Western Reserve University			
Dent, Arlene Department of Pediatric Infectious Diseases, RBCCenter for Global Health & Diseases Wolstein Research Bldg. Rm 41422103 Cornell I Cleveland, OH 44106	26441	9/15/2010	\$75,625
Acquisition of immunity to blood stage <i>Plasmodium</i> malaria in infants Case Western Reserve University			
Dent, Arlene Department of Pediatric Infectious Diseases, RBCCenter for Global Health & Diseases Wolstein Research Bldg. Rm 41422103 Cornell I Cleveland, OH 44106	27309	3/15/2011	\$75,625
Acquisition of immunity to blood stage <i>Plasmodium</i> malaria in infants Cold Spring Harbor Laboratory			
Vakoc, Christopher Ryan Cold Spring Harbor Laboratory 1 Burdett Road Cold Spring Harbor, NY 11724	28334	8/15/2011	\$95,000
Vakoc, Christopher -- Identifying epigenetic vulnerabilities in chemotherapy-resistant leukemia Dana-Farber Cancer Institute			
Bradner, James Elliott Department of Medical Oncology 44 Binney Street Boston, MA 02115	26449	9/15/2010	\$75,625

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Design and characterization of highly potent inhibitors of HDAC6 Dana Farber Cancer Institute Chen, Clark C.	26437	9/15/2010	\$35,000
SurgervTumor Growth, Invasion & Metastasis Program La Jolla, CA			
The molecular basis and therapeutic implications of genome instability during brain tumor progression Dana Farber Cancer Institute Bradner, James Elliott	27317	3/15/2011	\$75,625
Department of Medical Oncology 44 Binney Street Boston, MA 02115			
Design and characterization of highly potent inhibitors of HDAC6 Duke University Finberg, Karin Elisabeth	28329	8/15/2011	\$95,000
Dept. of Pharmacology and Cancer Biology Levine Science Research Center C-127 Research Drive, Box 3813 Durham, NC 27710			
Finberg, Karin -- Identification of Novel Genetic Regulators of Mammalian Iron Homeostasis Harvard University Garrett, Wendy Sarah	26456	9/15/2010	\$85,000
Immunology and Infectious Disease 651 Huntington Avenue Boston, MA 02115			
Novel effectors and regulators of inflammation, chronic infection, and carcinogenesis in the colon Johns Hopkins University Wu, Mark Nan	26443	9/15/2010	\$85,000
Department of Neurology, Suite 1261601 N. Caroline Street Baltimore, MD 21287			
Identification of novel genes that regulate sleep in Drosophila melanogaster Johns Hopkins University Burns, Kathleen H.	26459	9/15/2010	\$75,625
Dept. of Pathology 600 N. Wolfe Street Baltimore, MD 21287			
Investigating the role of retrotransposons in hematopoietic neoplasias Johns Hopkins University Wu, Mark Nan	27311	3/15/2011	\$85,000
Department of Neurology, Suite 1261601 N. Caroline Street Baltimore, MD 21287			
Identification of novel genes that regulate sleep in Drosophila melanogaster Johns Hopkins University Burns, Kathleen H.	27324	3/15/2011	\$75,625
Dept. of Pathology 600 N. Wolfe Street Baltimore, MD 21287			
Investigating the role of retrotransposons in hematopoietic neoplasias Massachusetts General Hospital Newton-Cheh, Christopher	26450	9/15/2010	\$37,813
Department of Medicine Mail Stop GRB 84732 Fruit Street Boston, MA 02114			
Genomic dissection of QT interval duration and sudden death Massachusetts General Hospital Rivera, Miguel Nicolas	26458	9/15/2010	\$75,625
Department of Pathology MGH Cancer Center Building 149 Thirteenth Street Room 7-101 Charlestown, MA 02129			
Characterization of a novel X-linked tumor suppressor, WTX, in pediatric cancer Massachusetts Institute of Technology			\$35,000

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Vander Heiden, Matthew Dept. of Medical Oncology Center for Life Sciences Room 417 3 Blackfan Circle Boston, MA 02115	26471	9/15/2010	
Metabolic control of cancer cell proliferation by pyruvate kinase M2 Massachusetts Institute of Technology Drum, Chester	27074	1/13/2011	\$47,500
Division of Cardiology Brigham and Women's Hospital Division of Health Sciences and Technology Harvard-MIT 77 Massachusetts Ave. Cambridge, MA 02139 Protein nanoparticles for small molecule drug delivery Massachusetts Institute of Technology	27331	3/15/2011	\$70,000
Vander Heiden, Matthew Dept. of Medical Oncology Center for Life Sciences Room 417 3 Blackfan Circle Boston, MA 02115	28333	8/15/2011	\$95,000
Metabolic control of cancer cell proliferation by pyruvate kinase M2 Massachusetts Institute of Technology Snider, Eric Lee Koch Institute for Integrative Research @ MIT 77 Massachusetts Avenue, E17-518 Cambridge, MA 02139	26442	9/15/2010	\$37,813
Snider, Eric -- Regulation of lung cancer progression by the cell fate determinant Nkx2.1 McGill University Nauven, Dao	27310	3/15/2011	\$75,625
Department of Medicine Montreal General Hospital Research Institute 1650 Cedar Avenue, Room L11.513 Montreal, QC H3G 1A4 The stringent response in Pseudomonas aeruginosa biofilm formation and antibiotic tolerance McGill University	26462	9/15/2010	\$75,625
Nauven, Dao Department of Medicine Montreal General Hospital Research Institute 1650 Cedar Avenue, Room L11.513 Montreal, QC H3G 1A4 The stringent response in Pseudomonas aeruginosa biofilm formation and antibiotic tolerance President and Fellows of Harvard College Datta, Sandeep Robert	27327	3/15/2011	\$37,813
Department of Neurobiology Goldenson Building Room 420220 Longwood Avenue Boston, MA 02115 Characterization of neural circuits that drive innate behaviors President and Fellows of Harvard College Datta, Sandeep Robert	26446	9/15/2010	\$63,750
Department of Neurobiology Goldenson Building Room 420220 Longwood Avenue Boston, MA 02115 Characterization of neural circuits that drive innate behaviors Regents of the University of California Lo, Roger	26470	9/15/2010	\$35,000
Department of Medicine 52-121 CHS 10833 Le Conte Avenue Los Angeles, CA 90095-1750 Melanoma in the skin: initiation, progression, and crosstalk with dermal fibroblasts Regents of the University of California Pride, David Tevis			
Dept. of Medicine Division of Infectious Disease Grant Building, S-169300 Pasteur Drive Palo Alto, CA 94305 Bacteriophage communities in oral health and disease Regents of the University of California Ghosh, Pradipta			
Dept. of Internal Medicine and Cellular and Molecular Medicine #06519500 Gilman Drive			

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La Jolla, CA 92093-0651 Modulation of G-protein activity during oncogenic and metastatic progression Regents of the University of California Nauven, Quven T. Dept. of Surgery 8895200 West Arbor Street San Diego, CA 92103 Testing surgery guided by molecular fluorescence imaging Regents of the University of California Zovein, Ann C. Cardiovascular Research Institute / Division of Neonatology / Dept of Pediatrics 555 Mission Bay Blvd. South CVRB - MC:3120/ Box 58900 San Francisco, CA 94158-9001 Hemogenic endothelium: hematopoietic stem cell emergence from the vasculature Regents of the University of California Lo, Roger Department of Medicine 52-121 CHS 10833 Le Conte Avenue Los Angeles, CA 90095-1750 Melanoma in the skin: initiation, progression, and crosstalk with dermal fibroblasts Regents of the University of California Pride, David Tevis Dept. of Medicine / Division of Infectious Disease / Grant Building, S-169300 Pasteur Drive Palo Alto, CA 94305 Bacteriophage communities in oral health and disease Regents of the University of California Ghosh, Pradipta Dept. of Internal Medicine and Cellular and Molecular Medicine #06519500 Gilman Drive La Jolla, CA 92093-0651 Modulation of G-protein activity during oncogenic and metastatic progression Regents of the University of California Nauven, Quven T. Dept. of Surgery 8895200 West Arbor Street San Diego, CA 92103 Testing surgery guided by molecular fluorescence imaging Regents of the University of California Zovein, Ann C. Cardiovascular Research Institute / Division of Neonatology / Dept of Pediatrics 555 Mission Bay Blvd. South CVRB - MC:3120/ Box 58900 San Francisco, CA 94158-9001 Hemogenic endothelium: hematopoietic stem cell emergence from the vasculature Regents of the University of California Chen, Clark C. Surgery / Tumor Growth, Invasion & Metastasis Program La Jolla, CA The molecular basis and therapeutic implications of genome instability during brain tumor progression Regents of the University of California Ganquy, Karunesh Neurology, 1274150 Clement Street San Francisco, CA 94121 Ganquy, Karunesh - Control of a Complex Neuroprosthetic Device using Electrocoagulation Regents of the University of Michigan Kaidler, Darnell Department of Periodontics and Oral Medicine 1011 N. University Avenue Ann Arbor, MI 48109-1078 Cell therapy for the treatment of alveolar bone defects	26469	9/15/2010	\$47,500
	26472	9/15/2010	\$75,625
	27314	3/15/2011	\$75,625
	27326	3/15/2011	\$63,750
	27330	3/15/2011	\$70,000
	27329	3/15/2011	\$47,500
	27332	3/15/2011	\$75,625
	27943	6/16/2011	\$70,000
	28330	8/15/2011	\$95,000
	26451	9/15/2010	\$75,625

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Regents of the University of Michigan Kaiser, Darnell Department of Periodontics and Oral Medicine 1011 N. University Avenue Ann Arbor, MI 48109-1078 Cell therapy for the treatment of alveolar bone defects Rockefeller University Smolczewska, Agata Head, Laboratory of Genome Maintenance 1230 York Avenue New York, NY 10065-6399 Role of the Fanconi Anemia and other DNA crosslink repair pathways in genome maintenance and cancer prevention Rockefeller University Smolczewska, Agata Head, Laboratory of Genome Maintenance 1230 York Avenue New York, NY 10065-6399 Role of the Fanconi Anemia and other DNA crosslink repair pathways in genome maintenance and cancer prevention Stanford University Lin, Michael Z. Department of Pediatrics and Bioengineering 269 Campus Drive, CCSR 2105 Palo Alto, CA 94305 Elucidating mechanisms of synaptic plasticity and learning by visualizing and controlling local protein turnover Stanford University Lin, Michael Z. Department of Pediatrics and Bioengineering 269 Campus Drive, CCSR 2105 Palo Alto, CA 94305 Elucidating mechanisms of synaptic plasticity and learning by visualizing and controlling local protein turnover Stanford University Wang, Kevin Chun-Kai Program in Epithelial Biology CCSR 2155 Stanford, CA 94305-5168 Wang, Kevin -- Mechanisms of transcriptional regulation by long noncoding RNAs in partnership with chromatin modifying complexes Trustees of the University of Pennsylvania Dorsey, Jav F. Department of Radiation Oncology 2 Donner 3400 Spruce Street Philadelphia, PA 19104 Identification of mSin3b and Mad4 as novel p53 target genes directing p53-mediated transcriptional repression Trustees of the University of Pennsylvania Chen-Plotkin, Alice Siau-In Dept. of Pathology and Laboratory Medicine, Neurology, CNDR3rd Floor Maloney Building 3600 Spruce Street Philadelphia, PA 19104 Genomic approaches to frontotemporal dementia Trustees of the University of Pennsylvania Dorsey, Jav F. Department of Radiation Oncology 2 Donner 3400 Spruce Street Philadelphia, PA 19104 Identification of mSin3b and Mad4 as novel p53 target genes directing p53-mediated transcriptional repression Trustees of the University of Pennsylvania Rentschler, Stacey Lynn 1150 BRB 11421 Curie Blvd Philadelphia, PA 19104 Rentschler, Stacey -- The role of notch signaling in preexcitation and arrhythmias University of Texas M.D. Anderson Cancer Center Cahill, Daniel P.	27320	3/15/2011	\$75,625
	26454	9/15/2010	\$75,625
	27323	3/15/2011	\$75,625
	26439	9/15/2010	\$37,813
	27307	3/15/2011	\$75,625
	28335	8/15/2011	\$95,000
	26438	9/15/2010	\$37,813
	26457	9/15/2010	\$42,500
	27306	3/15/2011	\$75,625
	28331	8/15/2011	\$95,000
	26455		\$70,000

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Department of Neurosurgery 32 Fruit Street. Yawkev 9E Boston, MA 02114		9/15/2010	
Translational molecular genetic analyses of chemotherapeutic resistance in human brain tumors University of Texas Southwestern Medical Center-Dallas			
Galindo, Rene L. Department of Pathology 5323 Harry Hines Blvd. Dallas, TX 75390-9072	26445	9/15/2010	\$35,000
Genetic dissection of the Rhabdomyosarcoma initiator PAX-FKHR and PAX-related signaling in skeletal muscle development University of Texas Southwestern Medical Center-Dallas			
Le, Lu Quana Dept. of Dermatology MC 9069, Rm F4-100 5323 Harry Hines Blvd. Dallas, TX 75390-9069	26463	9/15/2010	\$35,000
Cell of origin and tumor microenvironment in NF1-associated neurofibroma development University of Texas Southwestern Medical Center-Dallas			
Galindo, Rene L. Department of Pathology 5323 Harry Hines Blvd. Dallas, TX 75390-9072	27313	3/15/2011	\$70,000
Genetic dissection of the Rhabdomyosarcoma initiator PAX-FKHR and PAX-related signaling in skeletal muscle development University of Washington			
Mefford, Heather Christy Genome Sciences 355065 Foege Bldg. S413A1705 NE Pacific Street Seattle, WA 98195	26453	9/15/2010	\$35,000
Novel genomic rearrangements in developmental pediatric disorders University of Washington			
Mefford, Heather Christy Genome Sciences 355065 Foege Bldg. S413A1705 NE Pacific Street Seattle, WA 98195	27322	3/15/2011	\$70,000
Novel genomic rearrangements in developmental pediatric disorders Washington University			
Baloh, Robert Department of Neurology 660 South Euclid Avenue Box 8111 Saint Louis, MO 63110	27319	3/15/2011	\$70,000
Mechanism of peripheral neuropathy from Mitofusin 2 mutations Washington University			
Edelson, Brian Todd Departments of Pathology and Immunology Box 8118660 S. Euclid Avenue St. Louis, MO 63110	27318	3/15/2011	\$75,625
Macrophage and dendritic cell development Clinical Scientist Award in Translational Research Beth Israel Deaconess Medical Center			
Karumanchi, S. Ananth Beth Israel Deaconess Medical Center Dept. of Medicine 330 Brookline Avenue, RW 663 Boston, MA 02215	27057	1/13/2011	\$75,000
Soluble endoglin in the pathogenesis and prediction of preeclampsia Beth Israel Deaconess Medical Center			
Karumanchi, S. Ananth Beth Israel Deaconess Medical Center Dept. of Medicine 330 Brookline Avenue, RW 663 Boston, MA 02215	28158	7/15/2011	\$75,000
Soluble endoglin in the pathogenesis and prediction of preeclampsia Brigham and Women's Hospital			
Moodv. Branch Dept. of Medicine Brigham and Women's Hospital 1 Jimmy Fund Way Smith Building, Room 514	27026	1/13/2011	\$75,000

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Boston, MA 02115 Human T-cell responses to CD1 and lipid antigens from %M. tuberculosis% Briham and Women's Hospital Moodv. Branch Deot. of MedicineBriham and Women's Hospital1 Jimmv Fund WavSmith Building. Room 514 Boston, MA 02115	28129	7/15/2011	\$75.000
Human T-cell responses to CD1 and lipid antigens from %M. tuberculosis% Case Western Reserve University School of Medicine Cooke. Kenneth R. Division of Pediatric Hematology/Oncology Wolstein Research Building6th Floor. Room 65242103 Cornell Road Cleveland, OH 44106-7288	27001	1/13/2011	\$37.500
Acute lung injury after SCT: from laboratory insights to novel strategies for diaagnosis and treatment Case Western Reserve University School of Medicine Cooke. Kenneth R. Division of Pediatric Hematology/Oncology Wolstein Research Building6th Floor. Room 65242103 Cornell Road Cleveland, OH 44106-7288	28094	7/15/2011	\$75.000
Acute lung injury after SCT: from laboratory insights to novel strategies for diaagnosis and treatment Emory University Ressler, Kerrv J. Deot. of Psychiatry and Behavioral SciencesYerkes Neuroscience Building954 Gatewood Drive NE Atlanta, GA 30329	27014	1/13/2011	\$37.500
Neurobiology of fear. neuroelasticity and posttraumatic stress disorder Emory University Ressler, Kerrv J. Deot. of Psychiatry and Behavioral SciencesYerkes Neuroscience Building954 Gatewood Drive NE Atlanta, GA 30329	28108	7/15/2011	\$37.500
Neurobiology of fear. neuroelasticity and posttraumatic stress disorder Fred Hutchinson Cancer Research Center Clurman, Bruce E. Deot. of Clinical Research/Human BiologyD2-1001100 Fairview Avenue North Seattle, WA 98109-1024	27018	1/13/2011	\$75.000
Diagnostic and therapeutic approaches to cell cvcle-associated cancer Fred Hutchinson Cancer Research Center Warren, Edus Houston Program in Immunology1100 Fairview Avenue N. MailStoo D3-100P.O. Box 19024 Seattle, WA 98109-1024	27056	1/13/2011	\$75.000
Toward immune therapy for colon cancer: identification of antiagens recoanized by CD8+ T lymhocytes on colon cancer stem cells Fred Hutchinson Cancer Research Center Gradv, William M. Deot. of Medicine1100 Fairview Ave. N., MS D4-100 PO Box 19024 Seattle, WA 98109-1024	27059	1/13/2011	\$75.000
Novel biomarkers for the prevention and treatment of colon cancer Fred Hutchinson Cancer Research Center Yee, Cassian Deot. of MedicineD3-1001100 Fairview Avenue N PO Box 19024 Seattle, WA 98109-1024	27187	2/15/2011	\$75.000
Adoptive therapy of cancer: strategies to augament the antiaen-specific T cell response Fred Hutchinson Cancer Research Center Warren, Edus Houston Program in Immunology1100 Fairview Avenue N. MailStoo D3-100P.O. Box 19024 Seattle, WA 98109-1024	28157	7/15/2011	\$75.000
Toward immune therapy for colon cancer: identification of antiagens recoanized by CD8+ T lymhocytes on colon cancer stem cells			

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Fred Hutchinson Cancer Research Center Gradv. William M. Dept. of Medicine 1100 Fairview Ave. N., MS D4-100 PO Box 19024 Seattle, WA 98109-1024 Novel biomarkers for the prevention and treatment of colon cancer Fred Hutchinson Cancer Research Center Clurman, Bruce E. Dept. of Clinical Research/Human BioloavD2-1001100 Fairview Avenue North Seattle, WA 98109-1024 Diagnostic and therapeutic approaches to cell cycle-associated cancer Fred Hutchinson Cancer Research Center Yee, Cassian Dept. of Medicine D3-1001100 Fairview Avenue N PO Box 19024 Seattle, WA 98109-1024 Adoptive therapy of cancer: strategies to augment the antigen-specific T cell response Georgetown University Toretsky, Jeffrey A. Dept. of Oncoloav3970 Reservoir Rd Washington, DC 20057 Novel cancer therapeutics based upon oncoaeenic fusion-protein transcription factors Georgetown University Toretsky, Jeffrey A. Dept. of Oncoloav3970 Reservoir Rd Washington, DC 20057 Novel cancer therapeutics based upon oncoaeenic fusion-protein transcription factors Johns Hopkins University Rodriguez, Annabelle Dept. of Medicine 5200 Eastern Avenue The Mason F. Lord Center Tower, Room 639 Baltimore, MD 21224 Deficiency of the lipoprotein receptor, scavenger receptor class B type I, in women with infertility Johns Hopkins University Rudin, Charles M. Dept. of OncoloavCancer Research Building, Rm. 3441650 Orleans Street Baltimore, MD 21231 Novel therapeutic strategies for small cell luna cancer Johns Hopkins University Rodriguez, Annabelle Dept. of Medicine 5200 Eastern Avenue The Mason F. Lord Center Tower, Room 639 Baltimore, MD 21224 Deficiency of the lipoprotein receptor, scavenger receptor class B type I, in women with infertility Johns Hopkins University Rudin, Charles M. Dept. of OncoloavCancer Research Building, Rm. 3441650 Orleans Street Baltimore, MD 21231 Novel therapeutic strategies for small cell luna cancer Johns Hopkins University School of Medicine O'Brien, Richard J. Dept. of NeuroloavMason F Lord Center Tower, Suite 5100 Johns Hopkins Bayview Medical Center 5200 Eastern Avenue Baltimore, MD 21224 Alzheimers disease and synaptic transmission Oregon Health and Science University Marks, Daniel L.	28160	7/15/2011	\$75,000
	28112	7/15/2011	\$75,000
	28111	7/15/2011	\$75,000
	27058	1/13/2011	\$75,000
	28159	7/15/2011	\$75,000
	26436	9/15/2010	\$75,000
	27017	1/13/2011	\$37,500
	27305	3/15/2011	\$75,000
	28110	7/15/2011	\$37,500
	26999	1/13/2011	\$37,500
	27061		\$75,000

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Dept. of Pediatrics 3181 SW Sam Jackson Park Road, MS L 481 Biomedical Research Bldg, Room 309 Portland, OR 97239		1/13/2011	
Maternal nutrition and fetal metabolic programming Oregon Health and Science University Marks, Daniel L.	28162	7/15/2011	\$75,000
Dept. of Pediatrics 3181 SW Sam Jackson Park Road, MS L 481 Biomedical Research Bldg, Room 309 Portland, OR 97239			
Maternal nutrition and fetal metabolic programming Regents of the University of California Weiss, William A	27011	1/13/2011	\$75,000
Dept. of Neurology Box 0663533 Parnassus Ave. Room U441-O San Francisco, CA 94143			
Combination therapy against EGFR and PI3-kinase in glioma Regents of the University of California Anderson, Mark Stuart	27053	1/13/2011	\$75,000
Dept. of Medicine 513 Parnassus Ave. Rm #HSW1112 San Francisco, CA 94143			
Translating AIRE-control of immune tolerance to human autoimmunity Regents of the University of California Zhana, Kang	27064	1/13/2011	\$75,000
Shiley Eye Center 9415 Campus Drive La Jolla, CA 92037			
Define novel genes for diabetic microvascular complications Regents of the University of California Gleeson, Joseph G.	26996	1/13/2011	\$75,000
Dept. of Neurosciences Leichter 3A 169500 Gilman Drive #0691 La Jolla, CA 92093-0691			
Causes and pathogenesis of cerebellar malformation syndromes in humans: bedside to bench Regents of the University of California Anderson, Mark Stuart	28154	7/15/2011	\$75,000
Dept. of Medicine 513 Parnassus Ave. Rm #HSW1112 San Francisco, CA 94143			
Translating AIRE-control of immune tolerance to human autoimmunity Regents of the University of California Zhana, Kang	28165	7/15/2011	\$75,000
Shiley Eye Center 9415 Campus Drive La Jolla, CA 92037			
Define novel genes for diabetic microvascular complications Regents of the University of California Weiss, William A	28105	7/15/2011	\$75,000
Dept. of Neurology Box 0663533 Parnassus Ave. Room U441-O San Francisco, CA 94143			
Combination therapy against EGFR and PI3-kinase in glioma Regents of the University of Michigan Chinnaiyan, Arul M.	27012	1/13/2011	\$37,500
Dpts. of Pathology and Urology 4237 Medical Science I Building 1301 Catherine Road Ann Arbor, MI 48109			
Autoantibody profiles for cancer diagnosis, prognosis, and therapy Regents of the University of Michigan Collins, Kathleen Loretta	27052	1/13/2011	\$75,000
Dept. of Internal Medicine 3510 MSRB I 1150 West Medical Center Drive Ann Arbor, MI 48104			

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Viral mechanisms of persistence in HIV infected people Regents of the University of Michigan Ross, Theodora S. Dept. of Internal Medicine1500 E. Medical Center Drive 6322 Cancer Center Ann Arbor, MI 48109-0942	27054	1/13/2011	\$75.000
Abnormal HIP1 and cancer biology Regents of the University of Michigan Collins, Kathleen Loretta Dept. of Internal Medicine3510 MSRB I1150 West Medical Center Drive Ann Arbor, MI 48104	28153	7/15/2011	\$75.000
Viral mechanisms of persistence in HIV infected people Regents of the University of Michigan Ross, Theodora S. Dept. of Internal Medicine1500 E. Medical Center Drive 6322 Cancer Center Ann Arbor, MI 48109-0942	28155	7/15/2011	\$75.000
Abnormal HIP1 and cancer biology Regents of the University of Michigan Chinnaiyan, Arul M. Depts. of Pathology and Urology4237 Medical Science I Building1301 Catherine Road Ann Arbor, MI 48109	28106	7/15/2011	\$75.000
Autoantibody profiles for cancer diagnosis, prognosis, and therapy Stanford University Pollack, Jonathan R. Dept. of PathologyMailStop 5176269 Campus Drive, CCSR-3245A Stanford, CA 94305-5176	27062	1/13/2011	\$75.000
Pathogenesis and diagnosis of clinically-indolent prostate cancer Stanford University Glenn, Jeffrey S. Dept. of MedicineDivision of Gastroenterology and HepatologyCCSR Building Room 3115-A269 Campus Drive Stanford, CA 94305-5187	27000	1/13/2011	\$75.000
Hepatitis C virus: from molecular virology to effective pharmacologic eradication Stanford University Pollack, Jonathan R. Dept. of PathologyMailStop 5176269 Campus Drive, CCSR-3245A Stanford, CA 94305-5176	28163	7/15/2011	\$75.000
Pathogenesis and diagnosis of clinically-indolent prostate cancer Stanford University School of Medicine Felsner, Dean W. Dept. of Medicine and PathologyDivision of Oncology269 Campus DriveCCSR Bldg., Room 1105 Stanford, CA 94305-5151	26998	1/13/2011	\$75.000
Pre-clinical validation of a-quadruplex drugs that target MYC to treat cancer University of Chicago Lenavel, Ernst Robert Dept. of Obstetrics and GynecologyMC 20505841 S. Maryland Avenue Chicago, IL 60637	27060	1/13/2011	\$75.000
Development of novel therapeutic and diagnostic strategies for ovarian cancer University of Chicago Lenavel, Ernst Robert Dept. of Obstetrics and GynecologyMC 20505841 S. Maryland Avenue Chicago, IL 60637	28161	7/15/2011	\$75.000
Development of novel therapeutic and diagnostic strategies for ovarian cancer University of Cincinnati			\$37.500

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Nare, Stephanie Dept. of PediatricsMLC 7020. S4.206240 Albert Sabin Way Cincinnati. OH 45229 Uncovering novel genetic causes and risks in congenital heart disease patients Univervsity of Cincinnati	26621	10/15/2010	
Nare, Stephanie Dept. of PediatricsMLC 7020. S4.206240 Albert Sabin Way Cincinnati. OH 45229 Uncovering novel genetic causes and risks in congenital heart disease patients Univervsity of Kentucky Research Foundation	27527	4/15/2011	\$37.500
Ambati, Javakrishna Dept. of Ophthalmology & Visual Sciences740 S. Limestone Street Lexington. KY 40506 Target-independent suppression of angiogenesis by siRNAs Univervsity of Kentucky Research Foundation	27029	1/13/2011	\$37.500
Ambati, Javakrishna Dept. of Ophthalmology & Visual Sciences740 S. Limestone Street Lexington. KY 40506 Target-independent suppression of angiogenesis by siRNAs Univervsity of North Carolina-Chapel Hill	28133	7/15/2011	\$75.000
Sharpless, Norman E. Dept. of Medicine102 Mason Farm RoadLCCC-UNC Chapel Hill. NC 27599 The p16INK4 a tumor suppressor in stem cell aging Univervsity of North Carolina-Chapel Hill	27028	1/13/2011	\$37.500
Sharpless, Norman E. Dept. of Medicine102 Mason Farm RoadLCCC-UNC Chapel Hill. NC 27599 The p16INK4 a tumor suppressor in stem cell aging Univervsity of Texas Health Science Center-Houston	28131	7/15/2011	\$75.000
Varian, Ali J. Brown Foundation Institute of Molecular MedicineTexas Heart Institute at St. Luke's Episcopal Hospital6770 Bertner Street. Suite C900, Houston. TX 77005 Molecular genetics and pathogenesis of human arrhythmogenic right ventricular cardiomyopathy/dysplasia Univervsity of Texas Health Science Center-Houston	27010	1/13/2011	\$75.000
Varian, Ali J. Brown Foundation Institute of Molecular MedicineTexas Heart Institute at St. Luke's Episcopal Hospital6770 Bertner Street. Suite C900, Houston. TX 77005 Molecular genetics and pathogenesis of human arrhythmogenic right ventricular cardiomyopathy/dysplasia Univervsity of Texas M.D. Anderson Cancer Center	28104	7/15/2011	\$75.000
Cooper, Laurence J Dept. of PediatricsPediatrics-Research. Unit 9071515 Holcombe Blvd. Houston. TX 77030 Tumor-specific alloanitien-aneuric donor-derived T-cell therapy after hematopoietic stem-cell transplantation Univervsity of Texas M.D. Anderson Cancer Center	27055	1/13/2011	\$75.000
Cooper, Laurence J Dept. of PediatricsPediatrics-Research. Unit 9071515 Holcombe Blvd. Houston. TX 77030 Tumor-specific alloanitien-aneuric donor-derived T-cell therapy after hematopoietic stem-cell transplantation Univervsity of Texas Southwestern Medical Center-Dallas	28156	7/15/2011	\$75.000
Auchus, Richard J. Division of Metabolism. Endocrinology and DiabetesDept. of Internal Medicine1150 W. Medical Center DriveRm 5560A. MSRBII	27015	1/13/2011	\$75.000

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Ann Arbor, MI 48109 Pharmacoeconomics of hypertension University of Texas Health Science Center-San Antonio Cusi, Kenneth	27031	1/13/2011	\$75,000
Dept. of Medicine 7703 Floyd Curl Drive San Antonio, TX 78229-3900 Non-alcoholic fatty liver disease in type 2 diabetes: a novel intervention strategy targeting metabolic & molecular defects University of Texas Health Science Center-San Antonio Cusi, Kenneth	28135	7/15/2011	\$75,000
Dept. of Medicine 7703 Floyd Curl Drive San Antonio, TX 78229-3900 Non-alcoholic fatty liver disease in type 2 diabetes: a novel intervention strategy targeting metabolic & molecular defects University of Utah Li, Dean Y.	27016	1/13/2011	\$75,000
Dept. of Medicine Eccles Institute of Human Genetics Room 4100B15 N 2030 E Salt Lake City, UT 84112-5330 Therapeutic potential of vascular guidance cues University of Utah Li, Dean Y.	28109	7/15/2011	\$75,000
Dept. of Medicine Eccles Institute of Human Genetics Room 4100B15 N 2030 E Salt Lake City, UT 84112-5330 Therapeutic potential of vascular guidance cues University of Washington Hawn, Thomas Richard	26620	10/15/2010	\$37,500
Dept. of Medicine Box 356523 HSB C502, 1959 NE Pacific St. Seattle, WA 98195 Variation and regulation of innate immunity to Mycobacteria University of Washington Van Gelder, Russell	27030	1/13/2011	\$37,500
Dept. of Ophthalmology, Box 359608 325 Ninth Avenue Seattle, WA 98104-2499 Pathogenesis of inflammatory eye disease University of Washington Hawn, Thomas Richard	27525	4/15/2011	\$37,500
Dept. of Medicine Box 356523 HSB C502, 1959 NE Pacific St. Seattle, WA 98195 Variation and regulation of innate immunity to Mycobacteria University of Washington Singh, Pradeep	28132	7/15/2011	\$37,500
Depts. of Medicine and Microbiology Box 357242 1959 NE Pacific Street, Rm G-310 Seattle, WA 98195-7242 Gallium as an antimicrobial and anti-biofilm agent: a Trojan horse strategy that disrupts bacterial iron metabolism University of Washington Van Gelder, Russell	28134	7/15/2011	\$75,000
Dept. of Ophthalmology, Box 359608 325 Ninth Avenue Seattle, WA 98104-2499 Pathogenesis of inflammatory eye disease University of Wisconsin-Madison Huttenlocher, Anna	27027	1/13/2011	\$75,000
Depts. of Pediatrics and Pharmacology 2715 Medical Science Center 1300 University Avenue Madison, WI 53706 Diagnosis and treatment of autoimmune disease			

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University of Wisconsin-Madison Huttenlocher, Anna Depts. of Pediatrics and Pharmacology 2715 Medical Science Center 1300 University Avenue Madison, WI 53706	28130	7/15/2011	\$75,000
Vanderbilt University School of Medicine Diagnosis and treatment of autoimmune disease Crowe, James E. Depts. of Pediatrics and Microbiology and Immunology D-7235 Medical Center North 2581 1161 21st Avenue South Nashville, TN 37232-2581	26997	1/13/2011	\$75,000
Immunology and cell biology of human metapneumovirus infections Vanderbilt University School of Medicine DeBaun, Michael R. Dept. of Pediatrics 2200 Children's Way 11206 Doctor's Office Tower Nashville, TN 37232	27759	5/13/2011	\$37,500
Cystic fibrosis receptor inhibitors: a target for decreasing sickle cell disease-related morbidity Washington University Heuckeroth, Robert O. Dept. of Pediatrics Campus Box 8208660 South Euclid Ave. St. Louis, MO 63110	26622	10/15/2010	\$37,500
Genetic and non-genetic risk for Hirschsprung disease Washington University Schaffer, Jean E. Dept. of Internal Medicine 660 South Euclid Avenue Box 8086 St. Louis, MO 63110	27013	1/13/2011	\$75,000
-Itoxic cardiomyopathy: from molecular mechanisms to human disease Washington University Diamond, Michael S. Dept. of Medicine Box 8051 660 S. Euclid Avenue St. Louis, MO 63110	27025	1/13/2011	\$75,000
Epitope-based immunogens and diagnostics for dengue virus Washington University Heuckeroth, Robert O. Dept. of Pediatrics Campus Box 8208660 South Euclid Ave. St. Louis, MO 63110	27528	4/15/2011	\$37,500
Genetic and non-genetic risk for Hirschsprung disease Washington University Diamond, Michael S. Dept. of Medicine Box 8051 660 S. Euclid Avenue St. Louis, MO 63110	28128	7/15/2011	\$75,000
Epitope-based immunogens and diagnostics for dengue virus Washington University Schaffer, Jean E. Dept. of Internal Medicine 660 South Euclid Avenue Box 8086 St. Louis, MO 63110	28107	7/15/2011	\$75,000
-Itoxic cardiomyopathy: from molecular mechanisms to human disease Weill Medical College of Cornell University Melnick, Ari M. Dept. of Medicine 1300 York Ave - C620 New York, NY 10065	26739	11/15/2010	\$37,500
Differentiation therapy for B-cell lymphomas Weill Medical College of Cornell University Lee, Francis	27063		\$75,000

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Dept. of Psychiatry 1300 York Ave. Room LC903 New York, NY 10021 Role of BDNF in therapeutic strategies for affective disorders Weill Medical College of Cornell University Meinick, Ari M. Dept. of Medicine 1300 York Ave - C620 New York, NY 10065 Differentiation therapy for B-cell lymphomas Weill Medical College of Cornell University Lee, Francis Dept. of Psychiatry 1300 York Ave. Room LC903 New York, NY 10021 Role of BDNF in therapeutic strategies for affective disorders Yale University Shlomchik, Warren D. Sections of Medical Oncology and Immunobiology School of Medicine PO Box 208032 New Haven, CT 06520 Memory T cells for improved immune reconstitution and GVL in allogeneic hematopoietic stem cell transplantation Yale University Shlomchik, Warren D. Sections of Medical Oncology and Immunobiology School of Medicine PO Box 208032 New Haven, CT 06520 Memory T cells for improved immune reconstitution and GVL in allogeneic hematopoietic stem cell transplantation Investigators in Pathogenesis of Infectious Disease Albert Einstein College of Medicine of Yeshiva University Dradic, Tatiana Dept. of Microbiology and Immunology 1300 Morris Park Avenue Room 403A Goldina Building Bronx, NY 10461 Entry and intracellular trafficking of Hepatitis C virus Albert Einstein College of Medicine of Yeshiva University Dradic, Tatiana Dept. of Microbiology and Immunology 1300 Morris Park Avenue Room 403A Goldina Building Bronx, NY 10461 Entry and intracellular trafficking of Hepatitis C virus Board of Regents of the University of Wisconsin System Kaleita, Robert F. Institute for Molecular Virology and McArdle Laboratory for Cancer Research 621 R.M. Bock Laboratories 1525 Linden Drive Madison, WI 53706-1596 Cellular and viral determinants of human cytomegalovirus lytic and latent replication cycles Blackwell, Helen E. Chemistry Daniels & Mathews Chemistry Building 1101 University Avenue Madison, WI 53706 Interception of bacterial quorum sensing with synthetic ligands Board of Regents of the University of Wisconsin System Kaleita, Robert F. Institute for Molecular Virology and McArdle Laboratory for Cancer Research 621 R.M. Bock Laboratories 1525 Linden Drive Madison, WI 53706-1596 Cellular and viral determinants of human cytomegalovirus lytic and latent replication cycles Brown University Bennett, Richard J. Dept. of Molecular Microbiology and Immunology G-B616171 Meeting St	27526	1/13/2011	\$37,500
	28164	4/15/2011	\$75,000
	27024	7/15/2011	\$75,000
	28127	1/13/2011	\$75,000
	26870	7/15/2011	\$40,000
	28095	12/15/2010	\$40,000
	27207	7/15/2011	\$40,000
	27758	2/15/2011	\$40,000
	28121	5/13/2011	\$40,000
	27214	7/15/2011	\$25,000

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Providence, RI 02912 Phenotypic variation and host adaptation by the human fungal pathogen <%Candida albicans%> Brown University Bennett, Richard J. Dept. of Molecular Microbiology and Immunology G-B616171 Meeting St Providence, RI 02912 Phenotypic variation and host adaptation by the human fungal pathogen <%Candida albicans%> California Institute of Technology Mazmanian, Sarkis K. BioRxiv Mail code: 156-291200 E. California Blvd Pasadena, CA 91125 Novel probiotic therapy for microbial infections Case Western Reserve University Jankowsky, Eckhard Dept. of Biochemistry Wood Building W447, 10900 Euclid Avenue Cleveland, OH 44122 Molecular mechanisms of pathogen identification by the pattern recognition receptors RIG-I and MDA5 Case Western Reserve University Jankowsky, Eckhard Dept. of Biochemistry Wood Building W447, 10900 Euclid Avenue Cleveland, OH 44122 Molecular mechanisms of pathogen identification by the pattern recognition receptors RIG-I and MDA5 Case Western Reserve University Jankowsky, Eckhard Dept. of Biochemistry Wood Building W447, 10900 Euclid Avenue Cleveland, OH 44122 Molecular mechanisms of pathogen identification by the pattern recognition receptors RIG-I and MDA5 Case Western Reserve University Jankowsky, Eckhard Dept. of Biochemistry Wood Building W447, 10900 Euclid Avenue Cleveland, OH 44122 Molecular mechanisms of pathogen identification by the pattern recognition receptors RIG-I and MDA5 Cornell University Parker, John S. Dept. of Microbiology and Immunology Baker Institute for Animal Health 120 Dav Hall Ithaca, NY 14853-2801 Reovirus-induced apoptosis: the role of the viral outer-capsid protein mu1 Duke University Chi, Jen-Tsan Ashlev Dept. of Molecular Genetics and Microbiology DUMC 3382, CIEMAS 2177A101 Science Drive Durham, NC 27708 The sequence determinant of the <%Plasmodium falciparum%> gene regulation by human microRNAs Duke University Valdivia, Rabele H. Dept. of Molecular Genetics and Microbiology Box 3580272 Jones Research Drive Durham, NC 27710 Role of secreted bacterial proteases in chlamydial pathogenesis Duke University Chi, Jen-Tsan Ashlev Dept. of Molecular Genetics and Microbiology DUMC 3382, CIEMAS 2177A101 Science Drive Durham, NC 27708 The sequence determinant of the <%Plasmodium falciparum%> gene regulation by human microRNAs	28326	8/15/2011	\$25,000
	28173	7/15/2011	\$100,000
	27043	1/13/2011	\$50,000
	26110	3/24/2011	(\$25,000)
	27511	4/15/2011	\$25,000
	28145	7/15/2011	\$50,000
	26873	12/15/2010	\$40,000
	26743	11/15/2010	\$50,000
	27033	1/13/2011	\$50,000
	27769	5/13/2011	\$50,000

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Duke University Valdivia, Raphael H. Dept. of Molecular Genetics and Microbiology Box 3580272 Jones Research Drive Durham, NC 27710	28137	7/15/2011	\$50,000
Role of secreted bacterial proteases in chlamydial pathogenesis The Governing Council of the University of Toronto Girardin, Stephen Laboratory Medicine and Pathobiology MSB, Room 63361, King's College Circle Toronto, ON M5S 1A8	26464	9/15/2010	\$25,000
The Nod-like receptor Nod9 links mitochondrial dynamics and innate immunity to bacterial pathogens The Governing Council of the University of Toronto Girardin, Stephen Laboratory Medicine and Pathobiology MSB, Room 63361, King's College Circle Toronto, ON M5S 1A8	27209	2/15/2011	\$50,000
The Nod-like receptor Nod9 links mitochondrial dynamics and innate immunity to bacterial pathogens The Governors of the University of Alberta Schana, Luis M Biochemistry 3-15 HMRC3-15 HMRC Department of Biochemistry Faculty of Medicine and Dentistry, University of Alberta Edmonton, AB T6G 2S2	26887	12/15/2010	\$40,000
Silencing and antisilencing in the regulation of viral gene expression The Governors of the University of Alberta Schana, Luis M Biochemistry 3-15 HMRC3-15 HMRC Department of Biochemistry Faculty of Medicine and Dentistry, University of Alberta Edmonton, AB T6G 2S2	28120	7/15/2011	\$40,000
Silencing and antisilencing in the regulation of viral gene expression Hospital for Sick Children Brumell, John H. Dept. of Medical Genetics and Microbiology 555 University Avenue Toronto, ON M5G 1X8	26879	12/15/2010	\$40,000
Recognition of bacteria in the cytosol of mammalian cells by protein conjugation systems Johns Hopkins University Espenshade, Peter J. Dept. of Cell Biology 725 N. Wolfe St. Physiology 107B Baltimore, MD 21205	26885	12/15/2010	\$40,000
Oxygen-sensing and adaptation to host tissue hypoxia in the human fungal pathogen <i>Cryptococcus neoformans</i> Johns Hopkins University Espenshade, Peter J. Dept. of Cell Biology 725 N. Wolfe St. Physiology 107B Baltimore, MD 21205	28118	7/15/2011	\$40,000
Oxygen-sensing and adaptation to host tissue hypoxia in the human fungal pathogen <i>Cryptococcus neoformans</i> McGill University Saleh, Mava Dept. of Medicine Bellini Pavilion, McGill Life Sciences Complex 3649 Promenade Sir William Osler, Room 3810 Montreal, QC H3G 0B1	26742	11/15/2010	\$50,000
Regulation and molecular mechanisms of NLR-mediated innate immunity McGill University Saleh, Mava Dept. of Medicine Bellini Pavilion, McGill Life Sciences Complex 3649 Promenade Sir William Osler, Room 3810 Montreal, QC H3G 0B1	27768	5/13/2011	\$50,000
Regulation and molecular mechanisms of NLR-mediated innate immunity Mount Sinai School of Medicine Chen, Benjamin K.	27034		\$50,000

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Dept. of Pharmacology and Biological Chemistry Center for Immunobiology One Gustave L. Levv Place Box 1215 New York, NY 10029		1/13/2011	
Dissemination of HIV through virological synapses Mount Sinai School of Medicine Chen, Benjamin K.	28138	7/15/2011	\$50,000
Dept. of Pharmacology and Biological Chemistry Center for Immunobiology One Gustave L. Levv Place Box 1215 New York, NY 10029			
Dissemination of HIV through virological synapses Mount Sinai School of Medicine Blander, Julie Madarian	28168	7/15/2011	\$100,000
1 Gustave L. Levv Place P.O. Box 1630 New York, NY 10029			
Innate immune recognition of vita-PAMPs: a new class of pathogen associated molecular patterns that signifies microbial viability Mount Sinai School of Medicine tenOver, Benjamin R.	28177	7/15/2011	\$100,000
Microbiology One Gustave L. Levv Place, Box 1124 New York, NY 10029			
Small RNA-mediated control of microbes New York University School of Medicine Darwin, K. Heran	26740	11/15/2010	\$50,000
Dept. of Microbiology 550 First Avenue MSB 236 New York, NY 10016			
Ubiquitin-like proteins in bacterial pathogens New York University School of Medicine Rodriguez, Ana	26884	12/15/2010	\$40,000
Medical Parasitology 341 E. 25th St. New York, NY 10010			
The role of hypoxanthine degradation in malaria-induced pathogenesis New York University School of Medicine Darwin, Andrew	27036	1/13/2011	\$50,000
Dept. of Microbiology MSB 228 550 First Avenue New York, NY 10016			
Mechanisms of <%Pseudomonas aeruginosa%> tolerance to secretin-induced stress during host infection New York University School of Medicine Darwin, K. Heran	27766	5/13/2011	\$50,000
Dept. of Microbiology 550 First Avenue MSB 236 New York, NY 10016			
Ubiquitin-like proteins in bacterial pathogens New York University School of Medicine Darwin, Andrew	28140	7/15/2011	\$50,000
Dept. of Microbiology MSB 228 550 First Avenue New York, NY 10016			
Mechanisms of <%Pseudomonas aeruginosa%> tolerance to secretin-induced stress during host infection New York University School of Medicine Rodriguez, Ana	28117	7/15/2011	\$40,000
Medical Parasitology 341 E. 25th St. New York, NY 10010			
The role of hypoxanthine degradation in malaria-induced pathogenesis Northwestern University Satchell, Karla Fullner	26886	12/15/2010	\$40,000
Dept. of Microbiology-Immunology 320 E. Superior Ave., Searle 3-525 Chicago, IL 60611			

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A mouse model for the role of toxins in cholera pathogenesis Northwestern University Smith, Gregory A.	26876	12/15/2010	\$40,000
Dept. of Microbiology and Immunology 303 E. Chicago Avenue Ward Bldg., Room 10-105 Chicago, IL 60611-3008			
Coordination of herpesvirus assembly and transport in axons of sensory neurons Northwestern University Satchell, Karla Fuller	28119	7/15/2011	\$40,000
Dept. of Microbiology-Immunology 320 E. Superior Ave., Searle 3-525 Chicago, IL 60611			
A mouse model for the role of toxins in cholera pathogenesis President & Fellows of Harvard College Whelan, Sean P.	26872	12/15/2010	\$40,000
Dept. of Microbiology and Molecular Genetics 200 Longwood Avenue Boston, MA 02115-5701			
Exploration of the interaction of RNA viruses with their host cells President and Fellows of Harvard College Duraishankar, Manoj T	26882	12/15/2010	\$40,000
Department of Immunology & Infectious Diseases 665 Huntington Avenue SPH1, Room 715 Boston, MA 02115			
Epigenetic control of virulence gene expression in Plasmodium falciparum President and Fellows of Harvard College Farzan, Michael R.	27045	1/13/2011	\$50,000
Dept. of Microbiology and Molecular Genetics New England Primate Research Center 1 Pine Hill Drive Southborough, MA 01772			
Parallel identification of obligate viral receptors President and Fellows of Harvard College Farzan, Michael R.	28147	7/15/2011	\$50,000
Dept. of Microbiology and Molecular Genetics New England Primate Research Center 1 Pine Hill Drive Southborough, MA 01772			
Parallel identification of obligate viral receptors President and Fellows of Harvard College Duraishankar, Manoj T	28115	7/15/2011	\$40,000
Department of Immunology & Infectious Diseases 665 Huntington Avenue SPH1, Room 715 Boston, MA 02115			
Epigenetic control of virulence gene expression in Plasmodium falciparum Regents of the University of California Vance, Russell	26745	11/15/2010	\$50,000
Dept. of Molecular and Cell Biology 3200415 Life Science Addition Berkeley, CA 94720			
Innate immune cytosolic immunosurveillance pathways for sensing bacterial pathogens Regents of the University of California Baron, Jody L.	26871	12/15/2010	\$40,000
Dept. of Medicine Divisions of Infectious Disease and Gastroenterology 513 Parnassus Avenue, Room S-357 San Francisco, CA 94143-0538			
Understanding immunopathogenesis of Hepatitis B virus Regents of the University of California Glaunsinger, Britt			
Dept. of Plant and Microbial Biology #3102111 Koshland Hall Berkeley, CA 94720-3102	27039	1/13/2011	\$50,000
Global modulation of cellular gene expression by an onco-genic human herpesvirus Regents of the University of California			\$50,000

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hill, Kent L. Depts. of Microbiology, Immunology & Molecular Genetics 609 Charles Young Dr. E. 1602 Molecular Sciences Bldg. Los Angeles, CA 90095	27216	2/15/2011	
Cell-cell communication and social motility in pathogenesis and development of African trypanosomes Reagents of the University of California	27771	5/13/2011	\$50,000
ance, Russell Dept. of Molecular and Cell Biology 3200415 Life Science Addition Berkeley, CA 94720	28096	7/15/2011	\$40,000
innate immune cytosolic immunosurveillance pathways for sensing bacterial pathogens Reagents of the University of California	28143	7/15/2011	\$50,000
Baron, Jody L. Dept. of Medicine Divisions of Infectious Disease and Gastroenterology 513 Parnassus Avenue, Room S-357 San Francisco, CA 94143-0538	28169	7/15/2011	\$100,000
Understanding immunopathogenesis of Hepatitis B virus Reagents of the University of California	26889	12/15/2010	\$25,000
Glaunsinger, Britt Dept. of Plant and Microbial Biology #3102111 Koshland Hall Berkeley, CA 94720-3102	27040	1/13/2011	\$50,000
Global modulation of cellular gene expression by an oncofetal human herpesvirus Reagents of the University of California	26881	12/15/2010	\$40,000
Baron, Gregory M. 101 LSA, MC#3200 Berkeley, CA 94720-3200	28114	7/15/2011	\$40,000
Interactions between TLRs and intracellular pathogens University of Colorado at Denver and Health Sciences Center-Fitzsimons Campus	28176	7/15/2011	\$100,000
Vazquez-Torres, Andres Dept. of Microbiology Mail Box 8333 Post Office Box 6511 12800 E. 19th Ave. Aurora, CO 80045	26597	10/15/2010	\$20,000
Effects of nitrosative stress on bacterial two component regulatory systems in innate host defense University of Colorado at Denver and Health Sciences Center-Fitzsimons Campus			
Vazquez-Torres, Andres Dept. of Microbiology Mail Box 8333 Post Office Box 6511 12800 E. 19th Ave. Aurora, CO 80045			
Effects of nitrosative stress on bacterial two component regulatory systems in innate host defense Reagents of the University of Michigan			
Fsal, Billy Cell and Developmental Biology 109 Zina Pitcher Place Room 3043 Ann Arbor, MI 48109-2200			
Flow cytometry toxin hijacks cellular machineries to transport across the ER membrane Reagents of the University of Michigan			
Fsal, Billy Cell and Developmental Biology 109 Zina Pitcher Place Room 3043 Ann Arbor, MI 48109-2200			
Flow cytometry toxin hijacks cellular machineries to transport across the ER membrane Reagents of the University of Michigan			
Aronoff, David M. Dept. of Internal Medicine 3003 S. State Street Ann Arbor, MI 48109-1274			
Prostaglandin E2 synthesis and signaling in the pathogenesis of periodontal Group A Streptococcus infections Reagents of the University of Minnesota			
Davis, Dana A. Dept. of Microbiology 1360 Mayo Building MMC 196420 Delaware Street S.E.			

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Minneapolis, MN 55455			
Control of phenotypic switching and pathogenesis by the Mds3 protein			
Scripps Research Institute			
Tellinhuisen, Timothy L.	26466	9/15/2010	\$25.000
Department of Infectology 130 Scripps Wav. Mailcode 3C1			
Jupiter, FL 33458			
Subversion of a host kinase and vesicle trafficking components for the production of infectious hepatitis C virus			
Scripps Research Institute	26741	11/15/2010	\$50.000
Saohire, Erica O.			
Dept. of Immunology 10550 North Torrey Pines Road Mail Code IMM-2			
La Jolla, CA 92037			
Arenavirus GP: architecture, receptor binding sites, and immune recognition			
Scripps Research Institute			
Tellinhuisen, Timothy L.	27213	2/15/2011	\$50.000
Department of Infectology 130 Scripps Wav. Mailcode 3C1			
Jupiter, FL 33458			
Subversion of a host kinase and vesicle trafficking components for the production of infectious hepatitis C virus			
Scripps Research Institute	27767	5/13/2011	\$50.000
Saohire, Erica O.			
Dept. of Immunology 10550 North Torrey Pines Road Mail Code IMM-2			
La Jolla, CA 92037			
Arenavirus GP: architecture, receptor binding sites, and immune recognition			
Scripps Research Institute			
Tellinhuisen, Timothy L.	28325	8/15/2011	\$50.000
Department of Infectology 130 Scripps Wav. Mailcode 3C1			
Jupiter, FL 33458			
Subversion of a host kinase and vesicle trafficking components for the production of infectious hepatitis C virus			
Sloan-Kettering Institute			
Glickman, Michael S.	26878	12/15/2010	\$40.000
Dept. of Medicine - Infectious Diseases and Immunology Box #91275 York Avenue			
New York, NY 10021			
Role of regulated intramembrane proteolysis in controlling <%Mycobacterium tuberculosis%> virulence and cell envelope composition			
Stanford University			
Monack, Denise M.	26744	11/15/2010	\$50.000
Department of Microbiology and Immunology 5124299 Camous Drive, D347			
Stanford, CA 94305			
Host-pathogen interactions during persistent <%Salmonella%> infection			
Stanford University			
Boovo, Matthew S.	26875	12/15/2010	\$40.000
Dept. of Pathology, Microbiology and Immunology 300 Pasteur Drive, MC 5324			
Stanford, CA 94305-5324			
Chemical mapping of proteolytic networks involved in <%Toxoplasma gondii%> pathogenesis			
Stanford University			
Monack, Denise M.	27770	5/13/2011	\$50.000
Department of Microbiology and Immunology 5124299 Camous Drive, D347			
Stanford, CA 94305			
Host-pathogen interactions during persistent <%Salmonella%> infection			
Stanford University			
Sonnenburg, Justin L.	28170	7/15/2011	\$100.000
Microbiology and Immunology 5124299 Camous Dr., Rm D307a			
Stanford, CA 94305			
Mechanisms of intestinal microbiota-conferred protection from enteric pathogens			

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Stanford University School of Medicine Boovo, Matthew S. Dept. of Pathology, Microbiology and Immunology 300 Pasteur Drive, MC 5324 Stanford, CA 94305-5324	28097	7/15/2011	\$20,000
Chemical mapping of proteolytic networks involved in <%Toxoplasma gondii%> pathogenesis Sunnybrook Research Institute Carlisle, James R.	27215	2/15/2011	\$50,000
Dept. of Molecular and Cellular Biology 2075 Bayview Ave (S-236) Toronto, ON M4N3M5	28175	7/15/2011	\$100,000
MHC-independent recognition of infected cells by natural killer cells of the innate immune system Trustees of Columbia University in the City of New York Dworkin, Jonathan	27042	1/13/2011	\$50,000
Dept. of Microbiology 701 W. 168th St. Room 1218 New York, NY 10032	28144	7/15/2011	\$50,000
Characterization of a novel family of receptors mediating metazoan recognition of microbes Trustees of Princeton University Llinas, Manuel	27761	5/13/2011	\$50,000
Dept. of Molecular Biology 246 Carl Icahn Lab Lewis-Sidler Institute for Integrative Genomics Princeton, NJ 08544	28171	7/15/2011	\$100,000
Global analysis of the <%Plasmodium falciparum%> metabolome Trustees of Princeton University Llinas, Manuel	26737	11/15/2010	\$25,000
Dept. of Molecular Biology 246 Carl Icahn Lab Lewis-Sidler Institute for Integrative Genomics Princeton, NJ 08544	27217	2/15/2011	\$50,000
Global analysis of the <%Plasmodium falciparum%> metabolome Trustees of the University of Pennsylvania Artis, David	27211		\$50,000
Dept. of Pathology 314 Hill Pavilion 380 South University Avenue Philadelphia, PA 19104			
Tracking helminth-specific immune responses in vivo Trustees of the University of Pennsylvania Cherry, Sara R.			
Dept. of Microbiology 225 Johnson Pavilion 3610 Hamilton Walk Philadelphia, PA 19104			
Systems biology of Alphavirus infection Trustees of Tufts College Heldwein, Ekaterina			
136 Harrison Avenue Boston, MA 02111			
Structural mechanism of herpesvirus egress University of Alabama-Birmingham Stevn, Adrie J.C.			
Dept. of Microbiology 845 19th Street South Bevil Biomedical Research Building, Rm 308 Birmingham, AL 35294-2170			
Carbon monoxide and <%Mycobacterium tuberculosis%> persistence. University of Alabama-Birmingham Stevn, Adrie J.C.			
Dept. of Microbiology 845 19th Street South Bevil Biomedical Research Building, Rm 308 Birmingham, AL 35294-2170			
Carbon monoxide and <%Mycobacterium tuberculosis%> persistence. University of Chicago He, Chuan			

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Dept. of Chemistry 5735 South Ellis Avenue Chicago, IL 60637		2/15/2011	
How <%Staphylococcus aureus%> senses host immune defenses			\$40.000
University of Colorado Health Sciences Center van Dyk, Linda F.			
Dept. of Microbiology Mail Stop 8333 Post Office Box 6511 Aurora, CO 80045	26874	12/15/2010	
Analyzing the role of tumor suppressors in the control of virus infection and inflammation			
University of Massachusetts Medical School Silverman, Neal			
Dept. of Medicine RB 313364 Plantation Street Worcester, MA 01605	27044	1/13/2011	\$50.000
Intracellular bacterial recognition in the <%Drosophila%> innate immune response			
University of Massachusetts Medical School Silverman, Neal			
Dept. of Medicine RB 313364 Plantation Street Worcester, MA 01605	28146	7/15/2011	\$50.000
Intracellular bacterial recognition in the <%Drosophila%> innate immune response			
University of North Carolina-Chapel Hill Braunstein, Miriam			
Dept. of Microbiology and Immunology 816 Marv Ellen Jones Bldg., CB# 7290 Chapel Hill, NC 27599-7290	27212	2/15/2011	\$50.000
Identification of in vivo-secreted proteins of <%Mycobacterium tuberculosis %> with roles in host-pathogen interactions			
University of North Carolina-Chapel Hill Damania, Blossom			
Dept. of Microbiology & Immunology Lineberger Cancer Center, CB#7295 Chapel Hill, NC 27599	27303	3/15/2011	\$40.000
Role of viral signaling proteins in the pathogenesis of Kaposi's sarcoma-associated herpes virus (KSHV)			
University of Oregon Guillemin, Karen J.			
Dept. of Biology Mail Stop 12291370 Franklin Boulevard 249 C Klamath Hall Eugene, OR 97403-1229	27032	1/13/2011	\$50.000
Regulation of aut epithelial cell homeostasis by the microbiota			
University of Oregon Guillemin, Karen J.			
Dept. of Biology Mail Stop 12291370 Franklin Boulevard 249 C Klamath Hall Eugene, OR 97403-1229	28136	7/15/2011	\$50.000
Regulation of aut epithelial cell homeostasis by the microbiota			
University of Texas Southwestern Medical Center-Dallas Orth, Kim			
Dept. of Molecular Biology 6000 Harry Hines Blvd, Rm#NA5.120F Dallas, TX 75390-9148	26883	12/15/2010	\$40.000
Vopl, a Vibrio effector that nucleates actin			
University of Texas Southwestern Medical Center-Dallas Soerandio, Vanessa			
Dept. of Microbiology 5323 Harry Hines Blvd. Dallas, TX 75390-9048	26880	12/15/2010	\$40.000
Interkinadom signaling in bacterial pathogenesis			
University of Texas Southwestern Medical Center-Dallas Hooper, Lora V.			
Center for Immunology 5323 Harry Hines Blvd., Room NA7.512MC 9093 Dallas, TX 75390	27041	1/13/2011	\$50.000

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Innate immune responses to commensal bacteria at gut epithelial surfaces			
University of Texas Southwestern Medical Center-Dallas			
Soerandio, Vanessa			
Dept. of Microbiology 5323 Harry Hines Blvd.	28113	7/15/2011	\$40,000
Dallas, TX 75390-9048			
Interkinodomain signaling in bacterial pathogenesis			
University of Texas Southwestern Medical Center-Dallas			
Orth. Kim			
Dept. of Molecular Biology 6000 Harry Hines Blvd. Rm#NA5.120F	28116	7/15/2011	\$40,000
Dallas, TX 75390-9148			
VopL, a Vibrio effector that nucleates actin			
University of Texas-Austin			
Whitelev, Marvin	27762	5/13/2011	\$50,000
Dept. of Molecular Genetics and Microbiology 1 University Station A5000			
Austin, TX 78712			
Mechanistic insight into host modulation of bacterial group activities			
University of Washington			
Gale, Michael J.	26868	12/15/2010	\$40,000
Dept. of Immunology 1959 NE Pacific Street H-587 HSC Box 357650			
Seattle, WA 98195-7650			
Control of hepatitis C virus replication			
University of Washington			
Zheng, Nina	27038	1/13/2011	\$50,000
Dept. of Pharmacology Box 357280 1959 NE Pacific Street			
Seattle, WA 98195			
Viral hijacking of host ubiquitin ligase machinery			
University of Washington			
Zheng, Nina	28142	7/15/2011	\$50,000
Dept. of Pharmacology Box 357280 1959 NE Pacific Street			
Seattle, WA 98195			
Viral hijacking of host ubiquitin ligase machinery			
University of Washington			
Mouqous, Joseph D.	28172	7/15/2011	\$100,000
Box 357242 1705 NE Pacific St.			
Seattle, WA 98195			
Breaching the commensal barrier to infection with type VI secretion			
University of Washington School of Medicine			
Ramakrishnan, Lalita	26869	12/15/2010	\$20,000
Dept. of Microbiology, Immunology and Medicine PO Box 357242			
Seattle, WA 98195-0242			
Forward genetic screens in the zebrafish to identify host determinants of susceptibility to tuberculosis			
Vanderbilt University Medical Center			
Skaar, Eric	27304	3/15/2011	\$40,000
Microbiology and Immunology MCN A5211 A1161 21st Avenue South			
Nashville, TN 37232			
In vivo identification of Staphylococcus aureus proteins that defend against host neutrophils.			
Vanderbilt University Medical Center			
Lacv. D. Borden	27760	5/13/2011	\$50,000
Dept. of Microbiology and Immunology A-5301 Medical Center North 1161 21st Avenue South			
Nashville, TN 37232			
Structural mechanisms of <%=Helicobacter pylori %> pathogenesis			
Washington University			
			\$25,000

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Wana. David Depts. of Molecular Microbiology and Pathology and Immunology Campus Box 8230660 S. Euclid Ave. St. Louis, MO 63110	26467	9/15/2010	
A genomics-based approach to novel viral etiologies of diarrhea Washington University			\$25,000
Yu. Dona Dept. of Molecular Microbiology Campus Box 8230660 South Euclid Avenue Saint Louis, MO 63110	26465	9/15/2010	
Modulation of the DNA damage response by human cytomegalovirus Washington University			\$50,000
Wana. David Depts. of Molecular Microbiology and Pathology and Immunology Campus Box 8230660 S. Euclid Ave. St. Louis, MO 63110	27218	2/15/2011	
A genomics-based approach to novel viral etiologies of diarrhea Washington University			\$50,000
Yu. Dona Dept. of Molecular Microbiology Campus Box 8230660 South Euclid Avenue Saint Louis, MO 63110	27210	2/15/2011	
Modulation of the DNA damage response by human cytomegalovirus Yale University			\$40,000
Iwasaki. Akiko Dept. of Immunobiology 300 Cedar Street TACS 655B New Haven, CT 06520-8011	26877	12/15/2010	
Stromal cell contributions in innate and adaptive immune responses to mucosal viral infection Yale University			\$50,000
Kazmierczak. Barbara I. Dept. of Internal Medicine Box 208022333 Cedar Street New Haven, CT 06520-8022	27035	1/13/2011	
Role of injury in <%Pseudomonas aeruginosa%> pulmonary infection Yale University			\$50,000
Modis. Yorao Dept. of Molecular Biophysics and Biochemistry 266 Whitney Ave Bass 430 New Haven, CT 06520	27037	1/13/2011	
Cell entry and innate immune recognition of flaviviruses Yale University			\$50,000
MacMicking. John D. Section of Microbial Pathogenesis BCM 354E295 Congress Avenue New Haven, CT 06510	27219	2/15/2011	
Immune control of human phagosomal pathogens by a novel GTPase superfamily Yale University			\$50,000
Ben Mamoun. Choukri Section of Infectious Disease TAC-S110PO Box 208022 New Haven, CT 06520	27206	2/15/2011	
Function and regulation of host and parasite nutrient transporters during malaria infection Yale University			\$50,000
Kazmierczak. Barbara I. Dept. of Internal Medicine Box 208022333 Cedar Street New Haven, CT 06520-8022	28139	7/15/2011	
Role of injury in <%Pseudomonas aeruginosa%> pulmonary infection Yale University			\$50,000
Modis. Yorao Dept. of Molecular Biophysics and Biochemistry 266 Whitney Ave Bass 430	28141	7/15/2011	

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New Haven. CT 06520 Cell entry and innate immune recognition of flaviviruses			
Yale University MacMicking, John D. Section of Microbial Pathogenesis BCM 354E295 Congress Avenue New Haven. CT 06510	28327	8/15/2011	\$50,000
Immune control of human phagosomal pathogens by a novel GTPase superfamily Pre-term Birth Initiative Baylor College of Medicine Aagaard-Tillery, Kiersti M. Department of Obstetrics and Gynecology Division of Maternal-Fetal Medicine 1709 Drvden Road. Suite 1100 Houston. TX 77030	27532	4/15/2011	\$150,000
Contributions of maternal-fetal mitochondrial genome and microbiome interactions to preterm birth Stanford University Baker, Julie Dept. of Genetics Alway Room M313. Mail Code 5120300 Pasteur Drive Stanford. CA 94305	27535	4/15/2011	\$150,000
Genomic networks that guide trophoblast invasion and disease University of Iowa Murray, Jeffrey C. Department of Pediatrics 2182 Med Labs South Grand Avenue Iowa City. IA 52242	27534	4/15/2011	\$150,000
Genomic signatures of gene expression and alternative splicing in preterm birth University of Texas Southwestern Medical Center-Dallas Mahendroo, Mala S. Dept. of Obstetrics and Gynecology 5323 Harry Hines Boulevard Dallas. TX 75235	27533	4/15/2011	\$150,000
Assessment of cervical ripening by sodium magnetic resonance imaging Washington University Mysorekar, Indira Dept. of Obstetrics and Gynecology Box 8064 McDonnell Sciences Bldg. Room 729660 South Euclid Avenue St. Louis. MO 63110	27531	4/15/2011	\$150,000
Occult infections in the etiology of preterm birth Research Travel Grant Brandeis University Weitzel, Christopher Shawn 415 South Street. MS 029 Waltham. MA 02454	27571	4/15/2011	\$2,010
Weitzel, Christopher -- Modulating Nucleoid Organization and Condensation in Escherichia coli Children's Hospital Boston Powers, John Karp Family Research Building 1 Blackfan Circle. Karo 7215 Boston. MA 02115	26891	12/15/2010	\$3,000
Lin28 induction of blast crisis in a murine model of Ph+ Chronic Myeloid Leukemia Cornell University van der Meulen, Marjolien Christine 219 Upson Hall Ithaca. NY 14853	27549	4/15/2011	\$10,000
van der Meulen, Marjolien - Effect of Loading on Dkk1 Deficient Mice Duke University Pana, Herbert 2424 Erwin Road. Hock Plaza 11099	27545	4/15/2011	\$2,980

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Durham, NC 27705			
Pana, Herbert - Next Generation Sequencing (Advanced course); Wellcome Trust Genome Campus. Hinxton. Cambridge. UK			
Emory University			
Soucek, Sharon			
Room 4158 Rollins Research Center 1510 Clifton Road			
Atlanta, GA 30322			
A role for poly(A) binding proteins in mRNA splicing			
Emory University			
Preast, Callie			
2467 Chambers Drive			
Marietta, GA 30066			
Analysis of ZC3H14, an RNA binding protein required for proper brain function			
Emory University			
Soucek, Sharon			
Room 4158 Rollins Research Center 1510 Clifton Road			
Atlanta, GA 30322			
A role for poly(A) binding proteins in mRNA splicing			
Emory University			
Preast, Callie			
2467 Chambers Drive			
Marietta, GA 30066			
Analysis of ZC3H14, an RNA binding protein required for proper brain function			
Hautman Woodward Medical Research Institute			
Snell, Edward Holmes			
700 Ellicott St.			
Buffalo, NY 14203			
Snell, Edward - Introducing dynamics to structure			
Hospital for Special Surgery			
Coleman, Rhima M			
535 E. 70th Street			
New York, NY 10021			
Coleman, Rhima - Fluorophore-Assisted Carbohydrate Electrohoresis (FACE) Analysis of Glycosaminoglycan Structure during Cartilage Calcification			
Pennsylvania State University			
Santiago Cordoba, Miquel A.			
212 Earth and Engineering Science Bldg			
University Park, PA 16802			
Santiago Cordoba, Miquel A. - Coupling whisper gallery modes with surface plasmon polariton.			
Regents of the University of California			
Anderson, Ariana			
760 Westwood Plaza, Suite 17-369			
Los Angeles, CA 90265			
Anderson, Ariana -- Modeling of Autocorrelations and Hemodynamic Responses in fMRI Data Analyses			
Regents of the University of California			
Ascenzi, Maria-Grazia			
Rehab Bldg 22-691000 Veteran Avenue			
Los Angeles, CA 90095			
Ascenzi, Maria-Grazia -- Hierarchical simulation of mouse bone: the ultimate data analysis of mechanical behavior			
Regents of the University of California			
Bentolila, Laurent A.			
California NanoSystems Institute 570 Westwood Plaza			
Bldg 114, MC 722710 Room B151			
Los Angeles, CA 90095-7277			
Bentolila, Laurent -- Super-Resolution and Dynamic Microscopy of Cytoplasmic Mammalian P bodies			

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Regents of the University of California Bouchard, Louis 307 Charles E Young Dr East Young Hall 3048B Los Angeles, CA 90095	27568	4/15/2011	\$8,000
Bouchard, Louis -- Travel Grant: RF Pulse Waveforms for Probing Dynamical Instabilities in Chemical Bioreactions Regents of the University of California Goldman, Mark 1544 Newton Court Davis, CA 95618	27555	4/15/2011	\$10,000
Goldman, Mark -- Oculomotor Mechanisms of Neural Integration Regents of the University of California Miller, Lee M. 267 Cousteau Place Davis, CA 95618	27561	4/15/2011	\$9,000
Miller, Lee M. -- Advanced Techniques in Neuroimaging with EEG and fMRI Regents of the University of California Robbler, Darren 1002 Health Sciences Rd. Irvine, CA 92612	27570	4/15/2011	\$8,010
Robbler, Darren -- Understanding the Biological Basis of Optical Tumor Measurements Regents of the University of Colorado Radulescu, Anca Ruxandra Department of Mathematics, 395 UCBC University of Colorado Boulder, CO 80309-0395	27546	4/15/2011	\$9,403
Radulescu, Anca -- A Dynamical System Approach to Brain Profiling in Schizophrenia. Based on Imagined Data Royal Military College of Canada Zouaq, Amal PO Box 17000, Station Forces Kingston, ON K7K 7B4	27547	4/15/2011	\$4,000
Zouaq, Amal -- Data Mining and Ontology Engineering for Biomedical Data Rutgers, the State University of New Jersey-New Brunswick Monaco, James 599 Taylor Road Piscataway, NJ 08854	27548	4/15/2011	\$6,682
Monaco, James -- Pathology Training and Collaboration between Rutgers and University of Michigan Southern Illinois University-Carbondale Liana, Yanna 1230 Lincoln Dr. Carbondale, IL 62901	27544	4/15/2011	\$4,426
Liana, Yanna - Linking engineering with biological science: grant for attending a summer course Stanford University Jan, Max 1476 Arbor Avenue Los Altos, CA 94024	27333	3/15/2011	\$1,510
Presentation at 2011 International Society for Stem Cell Research annual meeting State University of New York-Buffalo Xu, Hongliana J 1300 Elmwood Avenue Buffalo, NY 14222	27562	4/15/2011	\$12,000
Xu, Hongliana -- Mathematical Innovations for Structure Determination from Micro-Crystals Trustees of Boston University Jiu, Pinghua	27556		\$7,000

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Chemistrv881 Commonwealth Ave. Boston, MA 02215		4/15/2011	
Liu, Pinzhua -- Anti-Malarial Marine Natural Products Trustees of Boston University			
Saltzberg, Daniel John 590 Commonwealth AvenueRoom 299 Boston, MA 02215	27569	4/15/2011	\$4,652
Saltzberg, Daniel -- Ligand Induced Conformational Change of beta-Phosphoglucomutase via Solution X-ray Scattering Trustees of Dartmouth College	27550	4/15/2011	\$10,250
Pavne, Joshua Levi 707 Rubin Building, HB7937One Medical Center Dr.Dartmouth-Hitchcock Medical Center Lebanon, NH 03756			
Pavne, Joshua - Robustness, Evolvability, and Reproductive Isolation in the Signal-Integration Space of Gene Regulatory Networks University of British Columbia	27559	4/15/2011	\$6,000
Gunther, Oliver Room 166, Burrard Building1081 Burrard Street Vancouver, BC V6Z 1Y6			
Gunther, Oliver -- Cross-platform biological data integration and network analysis University of British Columbia	27551	4/15/2011	\$8,000
Ma, Hongshen 2054-6250 Applied Science Lane Vancouver, BC V6T1Z4			
Ma, Hongshen -- Microfluidic devices for studying the mechanics of red cells infected with P. falciparum University of California-San Diego	27553	4/15/2011	\$5,900
Oakes, Jessica Marie University of California, San DiegoDivision of Physiology - NASA Lab9500 Gilman Drive La Jolla, CA 92093-0931			
Oakes, Jessica - Multiscale Modeling of Particle Deposition in Animal Specific Lung Simulations University of Illinois	27564	4/15/2011	\$12,680
Waconer, Johnson, Amy Jave 1206 W Green St Urbana, IL 61801			
Waconer, Johnson, A.J. -- A Collaborative Research Travel Grant to Promote Collaboration at the Interface of Engineering and Biology: The Role of Mechanical Engraftment of Cadherin University of North Carolina-Chapel Hill			\$8,500
Crosswell, Joseph Robert Institute of Marine Sciences3431 Arendell St. Morehead City, NC 28557	27552	4/15/2011	
Crosswell, Joseph -- Impacts of industrial and sewage wastewater on carbon cycle dynamics in the Danshuei River Plume and Coastal Sea, Taiwan: a CO2 source or sink in one of the University of Oklahoma			\$8,000
Klebba, Phillip E Department of Chemistry & Biochemistry101 Stevenson ParkwayNorman, OK 73019 Norman, OK 73019	28337	8/15/2011	
Klebba, Phillip -- Bioenergetics of Bacterial Membrane Transport in Antibiotic Development University of Southern California	28178	7/15/2011	\$10,000
Wang, Clay 1985 Zonal Ave PSC 406A Los Angeles, CA 90033			
Wang, Clay - Genome Mining of Secondary Metabolites in Actinomycetes University of Wisconsin-Milwaukee			
Berges, John Alexander 3209 N. Maryland Avenue.Lapham Hall 181 Milwaukee, WI 53211	27554	4/15/2011	\$4,947

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Berques, John Alexander- Understanding cell death using agent-based models of algal systems Wichita State University Beck, Moriah Rene 1845 Fairmount Wichita, KS 67260-0007	27566	4/15/2011	\$4,500
Beck, Moriah -- Palladin and regulation of actin dynamics Yale University Feriod, Colleen Nicole Sterling Hall of Medicine B-213333 Cedar St New Haven, CT 06520	27557	4/15/2011	\$8,000
Feriod, Colleen - O-GlcNAcylation of InsP3R: Linking nutrient sensing with hepatic steatosis Yale University Herbert, Kristina Marie 295 Conard Ave. BCMM rm 131 New Haven, CT 06519	27543	4/15/2011	\$10,000
Herbert, Kristina -- Regulation of microRNA biogenesis through the core Microprocessor components			
TOTAL			\$24,729,935

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NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
(A) Career Development of Postdoctoral Scientists			
American Society for Cell Biology			
McCall, Deborah	26480	9/15/2010	\$10,000
8120 Woodmont Avenue, Suite 750			
Bethesda, MD 20814-2762			
Support for the Minorities Affairs Committee (MAC) activities at the 50th annual meeting, Philadelphia, Pennsylvania, December 11-15, 2010			
American Society for Cell Biology			
Goldberg, Joan R.	27334	3/15/2011	\$10,000
8120 Woodmont Avenue, Suite 750			
Bethesda, MD 20814-2762			
Support for the 50th ASCB annual meeting, Philadelphia, Pennsylvania, December 11-15, 2010			
California State East Bay Educational Foundation			
Tomasello, Michael	26476	9/15/2010	\$1,500
25800 Carlos Bee Blvd.			
Hayward, CA 94542			
Support for the 2010 College of Science Scholarship Fund in lieu of honorarium for the Career Awards for Biomedical Sciences advisory committee member Cecil B. Pickett, P			\$4,000
UNC-Center for Faculty Excellence			
Shoemaker, Sarah	28181	7/15/2011	\$15,000
Dept of Neuroscience Center			
Support for a multidisciplinary workshop designed to help researchers better communicate their research to the public held in Fall 2011 at the University of North Carolina-Chapel Hill			
Foundation for the National Institutes of Health, Inc.			
Knight, Bonnie	27575	4/15/2011	\$5,000
9650 Rockville Pike			
Bethesda, MD 20814-3999			
Support for the 4th Annual NIH Career Symposium, an all day program to provide insights into different career paths in academia, the private sector, and government, May 10.			
Gordon Research Conferences			
Bankaitis, Vytas	26759	11/15/2010	\$2,500
Department of Cell & Developmental Biology 108 Taylor Hall Campus Box 7090			
Chapel Hill, NC 27599-7090			
Support for the Gordon Research Conference entitled "Signal Transduction within the Nucleus", Ventura, California, February 27 - March 4, 2011			
National Postdoctoral Association			
Klotz, Diane M.	27781	5/13/2011	\$31,200
Office of the Science Director 111 TW Alexander Drive			
Research Triangle Park, NC 27709			
Support for the 14th annual National Institute of Environmental Health Sciences (NIEHS)/NIEHS Trainees Association (NTA) Biomedical Career Fair April 29, 2011 in Research			
Regents of the University of California			
Fuhrmann, Cynthia N.	27773	5/13/2011	\$31,200
Office of Career and Professional Development Mission Bay Community Center, Rm. 3101675 Owens Street, Box 0523			
San Francisco, CA 94143-0523			
Support for developing an Individual Development Plan web module			

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GRANTS TO INSTITUTIONS - All grant recipients listed below are 501(c)3 public charities

NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
Society for Neuroscience Sagse, Martin 1121 14th Street, NWSuite 1010 Washington, DC 20005	27957	6/16/2011	\$10,000
Support for postdoctoral travel awards to the Society of Neuroscience's 2011 annual meeting, Washington, DC, November 12-16, 2011 Society for the Advancement of Chicanos and Native Americans in Science Macotto, Jennifer P.O. Box 8526 Santa Cruz, CA 95061-8526	28349	8/15/2011	\$6,000
Support for travel scholarship awards for the 2011 SACNAS National Conference, San Jose, California, October 27-30, 2011 University of Colorado-Boulder Perkins, Thomas T. Fellow, JILAJILA, NIST & CU-Boulder440 UCB Boulder, CO 80309-0440	26626	10/15/2010	\$10,000
Support for the 6th biennial Single Molecule Biophysics conference, Aspen, Colorado, January 9-15, 2011 (A) Communications/Science Writing American Association for the Advancement of Science Culver, Rahman Education and Human Resources Programs1200 New York Avenue, NW Washington, DC 20005	28353	8/15/2011	\$17,000
Support for AAAS Mass Media Science and Engineering Fellowship Program for 2011 Contemporary Science Center Zuiker, Anton Blog Together235 Legends Way Chapel Hill, NC 27516	26895	12/15/2010	\$15,000
Support for ScienceOnline2011 Science Spark Bock, Lawrence 3663 Lone Dove Lane Encinitas, CA 92024	26628	10/15/2010	\$10,000
Support for a SciCheer exhibit at the U.S.A. Science and Engineering Festival in Washington, DC on October 23-24 (A) General Education Grant American Sociological Association Shin, Jean 1430 K Street NW # 600 Washington, DC 20005	26766	11/15/2010	\$4,000
Support for the Minority Fellowship Program, in lieu of honorarium for SSEP Advisory Committee member, Willie Pearson Jr, Ph.D. Grantmakers for Education Tebben, Chris 720 SW Washington Street, Suite 605	27961	6/16/2011	\$2,500

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Portland, OR 97205 General support for 2011-12 North Carolina Association of School Administrators McNeal, William R.	26765	11/15/2010	\$5,000
Durham, NC Support for professional development of school administrators and the annual conference Public School Forum of North Carolina Norris, Jo Ann	27220	2/15/2011	\$193,654
3739 National Drive, Suite 100 Raleigh, NC 27612 Support for the Institute for Educational Policymakers and the International Travel Program Public School Forum of North Carolina Norris, Jo Ann	27346	3/15/2011	\$10,000
3739 National Drive, Suite 100 Raleigh, NC 27612 Support for 2011 Public School Forum of North Carolina Knowles, Jamie	27963	6/16/2011	\$25,000
3739 National Dr., Ste. 100 Raleigh, NC 27612 Support for the North Carolina Center for Afterschool Program for 2011-12 (A) General Philanthropy Council on Foundations	27347	3/15/2011	\$39,500
Gunderson, Steve 2121 Crystal Drive, Suite 700 Arlington, VA 22202 Support for 2011 Foundation Center Albilal, Nancy	26627	10/15/2010	\$7,500
79 Fifth Avenue New York, NY 10003 Support for 2010-11 Health Research Alliance, Inc. (HRA) Ahlport, Kathryn N.	27351	3/15/2011	\$8,000
21 T.W. Alexander Drive PO Box 13901 Research Triangle Park, NC 27709 Support for 2011 National Humanities Center Harpham, Geoffrey	27772		\$15,000

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7 Alexander DrivePost Office Box 12256 Research Triangle Park, NC 27709-2256 Support for the "On the Human" Website, a scholarly project to examine how advances in science are enlarging the terms through which human life are discussed North Carolina Community Foundation/North Carolina Network of Grantmakers Hapgood, Bobbi		5/13/2011	
301 West Barbee Chapel Road, Suite 100 Chapel Hill, NC 27517 Support for 2011-12	28359	8/15/2011	\$3,000
(A) Infectious Diseases - General Albert Einstein College of Medicine of Yeshiva University Kielian, Margaret			
Jack and Pearl Resnick CampusDept. of Cell Biology1300 Morris Park AvenueChanin Building, Room 401 Bronx, NY 10461-1602	28189	7/15/2011	\$1,000
Support for Investigator in the Pathogenesis of Infectious Disease awardee, Sara Cherry of the University of Pennsylvania, to present a seminar at Albert Einstein University Albert Einstein College of Medicine of Yeshiva University Weiss, Louis M.	28355	8/15/2011	\$6,000
Depts of Medicine and PathologyRoom 504 Forchheime Bldg1300 Morris Park Avenue Bronx, NY 10461			
Support for the Workshop on Opportunistic Protists (IWOP) Tarrytown House Estate and Conference Center, Tarrytown, New York American Society for Microbiology Chang, Amy L.	27337	3/15/2011	\$25,000
1752 N Street, NW Washington, DC 20036 Support for the American Society for Microbiology (ASM) Kadner Institute and the ASM Scientific Writing and Publishing Institute for 2011 American Society of Tropical Medicine and Hygiene King, Christopher L.	\$30,000.00		\$30,000
Depts. of Medicine and Pathology10900 Euclid Avenue Cleveland, OH 44106-4825 Support for the American Society of Tropical Medicine and Hygiene 59th Annual Meeting held November 3-7, 2010 at the Atlanta Marriott Marquis in Atlanta, Georgia American Society of Tropical Medicine and Hygiene Fairhurst, Rick		9/15/2010	\$18,000
Bethesda, MD Support for the American Committee of Molecular, Cellular and Immunoparasitology's (ACMCIP) scientific program of the American Society of Tropical Medicine and Hygiene 21 American Society of Tropical Medicine and Hygiene Goraleski, Karen	26478	9/15/2010	\$1,206,000
111 Deer Lake Road Suite 100 Deerfield, IL 60015 Support for three years of the BWF/ASTMH Fellowship in Tropical Infectious Diseases program 2012-2014 Association for Women in Science	27954	6/16/2011	\$10,000

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Simpson, Cynthia L. 1442 Duke Street Alexandria, VA 22314	27338	3/15/2011	
Support for the Association for Women in Science (AWIS) Intern fund and corporate membership dues-gold Board of Regents of the University of Wisconsin System			\$2,000
Behan, Mary 2015 Linden Drive Madison, WI 53706-1102	26758	11/15/2010	
Support for the BWF/HHMI partnership veterinary student training program - 2010 BWF-HHMI Fellow, Meghan Vermillion and mentor Thaddeus Golos, Ph.D. Foundation for the National Institutes of Health, Inc.			\$12,000
Knight, Bonnie 9650 Rockville Pike Bethesda, MD 20814-3999	27576	4/15/2011	
Support for the 2011 Ecology and Evolution of Infectious Diseases meeting travel scholarships University of Wisconsin, March 26-29, 2011 Fraunhofer IGB			\$10,000
Sil, Anita Dept. of Microbiology and Immunology 513 Parnassus Street, S-469 San Francisco, CA 94143-0414	27335	3/15/2011	
Support for the 4th Federation of European Biochemical Societies (FEBS) Advance Lecture Course "Human fungal pathogens (HFP): molecular mechanisms of host-pathogen Genetics Society of America			\$18,000
Orbach, Marc Joel Div. of Plant Pathology & Microbiology Forbes Building Room 204P.O. Box 210036 Tucson, AZ 85721-0036	27232	2/15/2011	
Support for the 26th Fungal Genetics Conference March 15-20, 2011 at the Asilomar Conference Center, Asilomar, California Gordon Research Conferences			\$12,000
Jacobs-Lorena, Marcelo Dept. of Molecular Microbiology and Immunology Malaria Research Institute 615 North Wolfe Street, E5132 Baltimore, MD 21205	27226	2/15/2011	
Support for a Gordon Research Conference on "Tropical Infectious Diseases: From Bench to Field" in Galveston, Texas, March 13-18, 2011 Gordon Research Conferences			\$12,000
Dermody, Terence S. Lamb Center for Pediatric Research D-7235 Medical Center North 1161 21st Street Nashville, TN 37232-2581	27341	3/15/2011	
Support for the 2011 Viruses and Cells Gordon Research Conference held May 29-June 3, 2011 in Lucca (Barga), Italy Gordon Research Conferences			\$12,000
Duffy, Patrick E. Laboratory of Malaria Immunology and Vaccinology 5640 Fishers Lane Twinbrook 1, Room 1111 Rockville, MD 20852	27542	4/15/2011	
Support for the Gordon Research Conference on Malaria in Tuscany, Italy, July 31-August 5, 2011 Grants Managers Network			\$2,500

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Greanias, Michelle L. 1101 14th Street, NW Suite 420 Washington, DC 20005 Support for the Grants Managers Network (GMN); the nationwide affinity group for grants managers, providing members with valuable opportunities for professional development	28348	8/15/2011	\$32,500
Institute of Medicine Choffnes, Eileen R. 500 Fifth Street, NW Washington, DC 20001 Support for activities of the Forum on Microbial Threats for a three year period September 1, 2008 through August 31, 2011	26738	11/15/2010	\$6,000
Iowa State University Martin, Richard J. Dept. of Biomedical Sciences 2018 Vet Med Ames, IA 50011-1250 Support for a conference "Membrane Ion-channels in Helminth Parasites: Resistance and Sites of Action for Anthelmintics" planned as a pre-meeting of the American Society for Parasitology	27955	6/16/2011	\$25,000
Keystone Symposia Deem, Amanda Post Office Box 1630221 Summit Place #272 Silverthorne, CO 80498 Support for the 2011 conferences: Tuberculosis: Immunology, Cell Biology and Novel Vaccination Strategies (J3); Immunologic Memory, Persisting Microbes and Chronic Disease	26761	11/15/2010	\$100,000
Marine Biological Laboratory (MBL) Hinkle, Pam Clapp 7 MBL Street Candle House 311 Woods Hole, MA 02543 Support for the Marine Biological Laboratory's Molecular Mycology course 2009-2011	26468	9/15/2010	\$10,000
Marine Biological Laboratory (MBL) Borisy, Gary G. 7 MBL Street Woods Hole, MA 02543 Support for the Biology of Parasitism Course at the Marine Biological Laboratory, directed by BWF Board Member, Dyan Wirth, Ph.D.	27228	2/15/2011	\$170,348
Marine Biological Laboratory (MBL) Borisy, Gary G. 7 MBL Street Woods Hole, MA 02543 Support for the Biology of Parasitism Course at the Marine Biological Laboratory over a four-year period, 2011-2014	28167	7/15/2011	\$300,000
Marine Biological Laboratory (MBL) Borisy, Gary G. 7 MBL Street Woods Hole, MA 02543 Support for three years of renewed support for the Molecular Mycology: Current Approaches to Fungal Pathogenesis (MOMY) course 2012-2014	28346	8/15/2011	\$5,000
McGill University			

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Dzierszinski, Florence S Dept. of ParasitologyRm A107, Parasitology Building2111Lakeshore Rd. Ste. Anne de Bellevue, QC H9X 3V9 Support for the 11th International Congress on Toxoplasmosis, June 25-29, 2011, Ottawa, Canada McGill University	26762	11/15/2010	
Saleh, Maya Dept. of MedicineBellini Pavilion, McGill Life Sciences Complex3649 Promenade Sir William Osler, Room 3810 Montreal, QC H3G 0B1 Support for Investigator in the Pathogenesis of Infectious Disease awardee, David Artis, to present a seminar at McGill University McGill University	27342	3/15/2011	\$1,000
Gros, Philippe Dept. of Biochemistry3649 Sir William Osler PromenadeRoom 336 Montreal, QC H3G 0B1 Support for Investigator in the Pathogenesis of Infectious Disease awardee, Denise Monack, to present a seminar at McGill University McGill University		\$1,000.00	\$1,000
Gros, Philippe Dept. of Biochemistry3649 Sir William Osler PromenadeRoom 336 Montreal, QC H3G 0B1 Support for an Investigator in the Pathogenesis of Infectious Disease awardee to present a seminar at McGill University Medical College of Wisconsin	28356	8/15/2011	\$1,000
Zahrt, Thomas C. Dept. of Microbiology and Molecular Genetics8701 Watertown Plank RoadPost Office Box 26509 Milwaukee, WI 53226-0509 Support for Heran Darwin, Investigator in the Pathogenesis of Infectious Disease awardee, to present a seminar at Medical College of Wisconsin Medical University of South Carolina	26771	11/15/2010	\$1,000
Del Poeta, Maurizio Dept. of Biochemistry and Molecular Biology173 Ashley Avenue, BSB 512AP.O. Box 250509 Charleston, SC 29425 Support for the 8th International Conference on Cryptococcus and Cryptococcosis (ICCC) held in May, 2011 in Charleston, South Carolina New York University School of Medicine	27336	3/15/2011	\$12,000
Darwin, Andrew Dept. of MicrobiologyMSB 228 550 First Avenue New York, NY 10016 Support for Investigator in the Pathogenesis of Infectious Disease awardee, Vanessa Sperandio, to present a seminar at New York University School of Medicine Department of Northwestern University	27580	4/15/2011	\$1,000
Satchell, Karla Fullner Dept. of Microbiology-Immunology320 E. Superior Ave., Searle 3-525 Chicago, IL 60611 Support for Russell Vance, Investigator in the Pathogenesis of Infectious Disease awardee, to present a seminar at Northwestern University Regents of the University of California	26897	12/15/2010	\$1,000

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Ottemann, Karen M. Dept. of Microbiology and Environmental Toxicology 1156 High Street Santa Cruz, CA 95064	28352	8/15/2011	
Support for Investigator in the Pathogenesis of Infectious Disease awardee, Julie Magarian Blander of Mount Sinai School of Medicine Immunology Institute, to present a seminar Regents of the University of Minnesota			\$2,000
McKoskey, Kevin John Sponsored Projects Administration 450 McNamara Alumni Center 200 Oak Street S.E. Minneapolis, MN 55455-2070	26757	11/15/2010	
Support for the BWF/HHMI partnership veterinary student training program - 2010 BWF-HHMI Fellow, Jill Schappa/Mentor Jaime Modiano Scripps Research Institute			\$1,000
Saphire, Erica O. Dept. of Immunology 10550 North Torrey Pines Road Mail Code IMM-2 La Jolla, CA 92037	27345	3/15/2011	
Support for Investigator in the Pathogenesis of Infectious Disease awardee, Blossom Damanian, to present a seminar at The Scripps Research Institute Society of Toxicology			\$5,000
Holsapple, Michael P. Dept. of Pharmacology & Toxicology Box 613 Richmond, VA 23205-0613	26764	11/15/2010	
Support for the Society of Toxicology 50th Anniversary meeting held March 6-10, 2011 in Washington, DC Trustees of the University of Pennsylvania			\$250,000
Roos, David S. Genomics Institute 305 Goddard Laboratory 3710 Hamilton Walk Philadelphia, PA 19104-6018	26483	9/15/2010	
Support for the development of a Pan Fungal data resource Trustees of the University of Pennsylvania			\$125,000
Roos, David S. Genomics Institute 305 Goddard Laboratory 3710 Hamilton Walk Philadelphia, PA 19104-6018	27339	3/15/2011	
Support for further development of a Pan Fungal data resource University of British Columbia			\$6,000
Gaynor, Erin C. Dept. of Microbiology and Immunology 2558-2350 Health Sciences Mall Vancouver, BC V6T 1Z3	26893	12/15/2010	
Support for the 16th International Workshop on Campylobacter, Helicobacter, and Related Organisms (CHRO) August 28-September 1, 2011, Vancouver, British Columbia, Canada University of Florida			\$6,000
Hayward, Linda F. Dept. of Physiological Sciences PO Box 100144 Gainesville, FL 32610-0144	28188	7/15/2011	
Support for the Meriel -NIH National Veterinary Scholars Symposium August 4-7, 2011, Orlando, Florida University of Florida			\$50,000

University of Notre
\$225,000

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Roos, David S. Genomics Institute 305 Goddard Laboratory 3710 Hamilton Walk Philadelphia, PA 19104-6018 Support for further development of a Pan Fungal data resource Vanderbilt University	27945	6/16/2011	
Dermody, Terence S. Lamb Center for Pediatric Research D-7235 Medical Center North 1161 21st Street Nashville, TN 37232-2581 Support for Sean Whelan, Investigator in the Pathogenesis of Infectious Disease awardee, to present a seminar at Vanderbilt University Vanderbilt University	26769	11/15/2010	\$1,000
Lacy, D. Borden Dept. of Microbiology and Immunology A-5301 Medical Center North 1161 21st Avenue South Nashville, TN 37232 Support for David Wang, Investigator in the Pathogenesis of Infectious Disease awardee, to present a seminar at Vanderbilt University Vanderbilt University Medical Center	26770	11/15/2010	\$1,000
Skaar, Eric Microbiology and Immunology MCN A5211 A1161 21st Avenue South Nashville, TN 37232 Support for Investigator in the Pathogenesis of Infectious Disease awardee, Billy Tsai, to present a seminar at Vanderbilt University in Spring 2011 Yale University	27344	3/15/2011	\$1,000
Kazmierczak, Barbara I. Dept. of Internal Medicine Box 208022333 Cedar Street New Haven, CT 06520-8022 Support for Investigator in the Pathogenesis of Infectious Disease awardee, Barbara Kazmierczak, to present a seminar at the Cedars-Sinai Graduate Student Association (GS (A) Interfaces in Science Biophysical Society	28360	8/15/2011	\$1,000
Chaconas, Dorothy M. 11400 Rockville Pike Suite 800 Bethesda, MD 20852 Support for a special symposium for young researchers and the postdoc and graduate student breakfasts at the Biophysical Society 55th Annual Meeting held in Baltimore, Ma City University of New York	26760	11/15/2010	\$25,000
Bialek, William Dept. of Physics Lewis-Sigler Institute Carl Ichan Lab-247 Princeton, NJ 08544-1014 Support for a semester-long program in spring 2011 -- "Theoretical Physics and the Phenomena of Life: Optimization and Emergent Behavior" Georgia Institute of Technology	26747	11/15/2010	\$45,000
Goldman, Daniel I. School of Physics 837 State Street NW/Howey-C202 Atlanta, GA 30332-0430 Support for a soft matter workshop held at Georgia Institute of Technology, Atlanta, Georgia, on May 25, 2011	27965	6/16/2011	\$1,000

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Marine Biological Laboratory (MBL) Loftus, Mary 7 MBL Street Woods Hole, MA 02543	27947	6/16/2011	\$100,000
Support for the course "Physiology: Modern Cell Biology Using Microscopic, Biochemical and Computational Approaches" over 3 years (2011-2013) Regents of the University of California Shraiman, Boris I.	28148	7/15/2011	\$150,000
Kavil Institute for Theoretical Physics University of California-Santa Barbara Santa Barbara, CA 93106	26479	9/15/2010	\$30,000
Support for the KITP Interdisciplinary Biology Initiative (IBI) University of California-San Diego Onuchic, Jose' N. Dept. of Chemistry Space Science 201PO Box 1892, MS-60 Houston, TX 77251-1892	28347	8/15/2011	\$5,800
Support for the 7th International Congress of Biological Physics held in San Diego, California, June 19-24, 2011 (A) Medical Sciences American Physician Scientists Association (APSA) Alvarez-Breckenridge, Christopher 111 Deer Lake Road, Suite 100 Deerfield, IL 60015	28179	7/15/2011	\$10,000
Support for the APSA annual meeting, Chicago, Illinois, April 15-17, 2011 American Society for Clinical Investigation/Association of American Physicians (ASCI/AAP) Mischel, Paul S. Dept. of Pathology and Laboratory Medicine Center for the Health Sciences, Room 13-317 10833 Le Conte Avenue Los Angeles, CA 90095-1732	27944	6/16/2011	\$2,600
Support for the 2011 ASCI/AAP joint meeting, Chicago, Illinois, April 15-17, 2011 Association of Military Surgeons of the United States Anderson, George K. The Society of the Federal Health Agencies 9320 Old Georgetown Road Bethesda, MD 20814-1653	28180	7/15/2011	\$15,000
Support for the AMSUS Sir Henry Wellcome Medal and Prize (2009-2013) Clinician Investigator Trainee Association of Canada (CITAC-ACCFC) Berger, Mike 201-180 Mill Street London, ON N6A 0A1	27230	2/15/2011	\$1,500
Support for the 2011 annual meeting of CITAC-ACCFC, Ottawa, Ontario, Canada, September 12-14, 2011 University of North Carolina-Chapel Hill Lineberger Comprehensive Cancer Center Baldwin, Al Campus Box 7295 Chapel Hill, NC 27599-7295			

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Support for the 35th Annual UNC Lineberger Comprehensive Cancer Center Symposium, "Cell Metabolism and Cancer," April 27-28, 2011 (A) Reproductive Science American Society of Andrology Papadopoulos, Vassilios 2155 Guy Street 5th Floor Room 500 Montreal, QC H3H 2R9	26896 12/15/2010		\$10,000
Support for the XXI North American Testis Workshop "Testicular Determinants of Reproductive Success", Montreal, Quebec, Canada, March 30 - April 2, 2011 Marine Biological Laboratory (MBL) Hamilton, Joshua W. 7 MBL Street Woods Hole, MA 02543	27530 4/15/2011		\$160,650
Support for the 2010-2012 sessions of the Frontiers in Reproduction course Marine Biological Laboratory (MBL) Ascoli, Mario Dept. of Pharmacology 2-319B BSB, 51 Newton Road Iowa City, IA 52242-1109	27541 4/15/2011		\$15,000
Support for the 2011 FIR symposium June 10-11, 2011 Regents of the University of California Jaffe, Robert B. Director, Reproductive Endocrinology Center Box 0556, UCSF San Francisco, CA 94143-0556	26736 11/15/2010		\$80,000
Support for a Reproductive Scientist Development Program (RSDP) junior faculty scholar Regents of the University of California Jaffe, Robert B. Director, Reproductive Endocrinology Center Box 0556, UCSF San Francisco, CA 94143-0556	26746 11/15/2010		\$8,000
Support for the 2010 RSDP scholar's annual research conference/retreat, Boulder, Colorado, October 1-3, 2010 Society for Gynecologic Investigation Tyson, John E. 409 12th Street, SW Washington, DC 20024-2188	26767 11/15/2010		\$10,000
Support for the 58th annual meeting of the Society for Gynecologic Investigation, Miami Beach, Florida, March 16-19, 2011 Society for the Study of Reproduction Jansen, Judith 1619 Monroe Street Madison, WI 53711-2063	27350 3/15/2011		\$12,500
Support for SSR's Minority Affairs Committee (MAC) activities at the annual meeting, July 31 - August 4, 2011, Portland, Oregon Society for the Study of Reproduction Jansen, Judith 1619 Monroe Street	28361 8/15/2011		\$10,000

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Madison, WI 53711-2063 Support for SSR's Science Education Outreach Day, Portland, Oregon, July 29, 2011 Teratology Society Graham, Jr., John M. 1821 Michael Faraday DriveSuite 300 Reston, VA 20190	27349	3/15/2011	\$2,000
Support for co-sponsorship of the poster session reception during the 51st annual meeting of the Teratology Society, San Diego, California, June 25-29, 2011 University of California-San Francisco Jaffe, Robert B. Director, Reproductive Endocrinology CenterBox 0556, UCSF San Francisco, CA 94143-0556	28183	7/15/2011	\$12,000
Support for the 2011 RSDP scholar's annual research conference/retreat, Boulder, Colorado, September 23-25, 2011 University of California-San Francisco School of Medicine Jaffe, Robert B. Director, Reproductive Endocrinology CenterBox 0556, UCSF San Francisco, CA 94143-0556	27946	6/16/2011	\$80,000
Support for a Reproductive Scientist Development Program (RSDP) junior faculty scholar 2012-2013 Vanderbilt University School of Medicine Gitlin, Jonathan D. Dept. of PediatricsMonroe Carell Jr. Children's Hospital at Vanderbilt2200 Children's Way (2407 VCH) Nashville, TN 37232-990063110	27051	1/13/2011	\$100,000
Burroughs Wellcome Fund research consortium on preterm birth (A) Science Education Afterschool Alliance Grant, Jodi 1616 H Street NW, Suite 820 Washington, DC 20006	28182	7/15/2011	\$10,000
Continued support for the Afterschool Alliance STEM activities Association of American Colleges and Universities Winter, Frederick 1818 R. Street, NW Washington, DC 20009		10/15/2010	\$10,000
Support for travel costs for North Carolina K-16 faculty to the annual conference, Engaged STEM Learning, Miami, Florida, March 2011. Association of American Colleges and Universities Elrod, Susan Project Kaleidoscope1818R Street, NW Washington, DC 20009	27529	4/15/2011	\$10,000
Support for the integration of Project Kaleidoscope into the Association of American Colleges and Universities Bladen County Schools Brady, Beverly	27778		\$43,833

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701 Eastway Avenue Elizabethtown, NC 28337 Singapore Math Pilot - Bladen County School System		5/13/2011	
Cape Fear High School Evans, Jennifer Howard 4762 Clinton Road Fayetteville, NC 28312	28185 7/15/2011		\$1,000
Support for professional development activities for 2011-12 Contemporary Science Center Blizzard, Pamela P.O. Box 13453 Research Triangle Park, NC 27709	27579 4/15/2011		\$2,500
Supplemental travel support for schools to attend the Field Studies program Crest Middle School of Technology Owens, Beverly Suzanne Flynn 315 Beaver Dam Church Rd Shelby, NC 28152	28186 7/15/2011		\$1,000
Support for professional development activities for 2011-12 Cumberland County Schools Wiggins, Joni 8019 Byerly Drive Hope Mills, NC 28348	27774 5/13/2011		\$50,164
Cumberland County Schools' Singapore Math Pilot Project at Gallberry Farm Elementary School Daniel Center for Math and Science Jones, Kirby 2627 Vega Court Raleigh, NC 27614	26768 11/15/2010		\$50,000
Support for after school/summer camp tutoring programs for at risk and economically disadvantaged youth, ages 5-12 East Carolina University Woods, Terri Dept. of Geology/East 5th Street/Graham 204 Greenville, NC 27858-4353	27577 4/15/2011		\$3,375
Support for a teacher workshop on Rocks and Minerals Friends of the North Carolina State Museum of Natural Sciences Bennett, Betsy 102 North Salisbury Street/P.O. Box 29555 Raleigh, NC 27626	27223 2/15/2011		\$25,000
Continued support for the Nature Research Center Grantmakers for Education Tebben, Chris	27780		\$5,000

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
PARTXV SUPPLEMENTAL INFORMATION - LINE3a SCHEDULE #18
GRANTS PAID DURING THE YEAR
GRANTS TO INSTITUTIONS - All grant recipients listed below are 501(c)3 public charities

NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
720 SW Washington Street, Suite 605 Portland, OR 97205 Support for a feasibility study on the creation of a STEM Funders Network Guilford County Schools Modest, John W.		5/13/2011	
2500 Lee's Chapel Road Greensboro, NC 27405 Support for Guilford County Schools to participate in the Student Spaceflight Experiments Program Guilford County Schools Walker, Claudia Isabel	26629	10/15/2010	\$7,000
2306 Ontario Street Greensboro, NC 27401 Singapore Math Pilot at Murphey Traditional Academy in Guilford County Schools Health Research and Education Foundation Cutler, Kenneth A.	27775	5/13/2011	\$42,236
Project SEEDCIIT-Centers for Health ResearchPO Box 121376 Davis Drive Research Triangle Park, NC 27709-2137 Project Suc-SEED Hickory High School Barnhardt, Gena Davis	27208	2/15/2011	\$273,787
1234 3rd St NE Hickory, NC 28601 Support for professional development for the 2011-12 school year McDowell County Schools Baker, Michelle	28184	7/15/2011	\$1,000
170 Eastfield School Road Marion, NC 28752 Building a Strong Math Foundation Through Constructing, Drawing, and Solving, a proposal by Eastfield Global Magnet School, McDowell County Schools Morehead Planetarium and Science Center Boyette, Todd R.	27777	5/13/2011	\$55,785
University of North Carolina-Chapel HillICB #3480250 East Franklin Street Chapel Hill, NC 27599 Support for the 2011 Science Festival Morgridge Institute for Research Kim, Sangtae		6/16/2011	\$50,000
330 North Orchard Street Madison, WI 53715 Support for the expansion and development of the Institute's educational materials and programs National Association of Academies of Science Brogie, Ed M.	28358	8/15/2011	\$25,000
	26894		\$3,000

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
PARTXV SUPPLEMENTAL INFORMATION - LINE3a SCHEDULE #18
GRANTS PAID DURING THE YEAR
GRANTS TO INSTITUTIONS - All grant recipients listed below are 501(c)3 public charities

<u>NAME / ADDRESS / PURPOSE</u>	<u>CHECK #</u>	<u>CHECK DATE</u>	<u>AMOUNT</u>
319 West 6th Street Wayne, NE 68787 Support for the Breakfast with Scientists for American Junior Academy of Science students at the AAAS meeting		12/15/2010	
North Carolina New Schools Project Habit, M. Anthony 4600 Marriott Drive, Suite 510 Raleigh, NC 27612	27962	6/16/2011	\$50,000
Support for the City of Medicine Anchor School and Health/Life Sciences Cluster North Carolina Principal and Assistant Principals' Association Prince, Shirley P.O. Box 27711 Raleigh, NC 27611	27960	6/16/2011	\$3,000
Support for the Distinguished Leadership in Practice program North Carolina School of Science and Math Barber, Joan P.O. Box 2418 Durham, NC 27705	27959	6/16/2011	\$13,530
Support for the Summer Leadership and Research Experience North Carolina School of Science and Mathematics Foundation Wagstaff, Katie T. 1219 Broad StreetP.O. Box 2733 Durham, NC 27705	27578	4/15/2011	\$13,500
Support for participation in the Singapore International Science Challenge in May 2011 North Carolina Science Teachers Association Midgett, Manley W. P.O. Box 33478 Raleigh, NC 27636	27075	1/13/2011	\$2,500
Support for the North Carolina Science Teacher Association meeting North Carolina Science Teachers Association Midgett, Manley W. P.O. Box 33478 Raleigh, NC 27636	27956	6/16/2011	\$21,000
Support for the 2011 NCSTA Professional Development Institute North Carolina State University Physical and Mathematical Sciences Foundation, Inc. Schulze, Sharon NC State University Centennial CampusBox 8211 Raleigh, NC 27695	26474	9/15/2010	\$19,293
Support for the K-12 outreach conference Salisbury High School Whitson, Brian Allen	28187		\$1,000

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18
GRANTS PAID DURING THE YEAR
GRANTS TO INSTITUTIONS - All grant recipients listed below are 501(c)3 public charities

<u>NAME / ADDRESS / PURPOSE</u>	<u>CHECK #</u>	<u>CHECK DATE</u>	<u>AMOUNT</u>
500 Lincolnton Road Salisbury, NC 28144 Support for professional development activities for 2011-12 Society for In Vitro Biology Young, Margaret M. Dept. of Biology Campus Box 930, 1704 Weeksville Road Elizabeth City, NC 27909 Support for a workshop at the Society for In Vitro Biology Annual Meeting introducing the latest technologies to high school and undergraduate science educators. University of North Carolina General Administration Chapman, Alisa P.O. Box 2688 Chapel Hill, NC 27515 Support Science Education "Fast Track" Initiative University of North Carolina-Chapel Hill Campbell, Larry Campus Box 3290 Department of Chemistry, Suite A207 Kenan Labs Chapel Hill, NC 27599-3290 Support for the annual North Carolina Alliance to Create Opportunity through Education (NC OPT-ED) Alliance Day University of North Carolina-Chapel Hill Hall, Josh CB 7108 1105 Bioinformatics Building 130 Mason Farm Road Chapel Hill, NC 27599-7108 Support for the 2011 DNA Day University of North Carolina-Chapel Hill School of Education O'Sullivan, Rita Evaluation, Assessment, and Policy Connections (EvAP) CB3500, 213 E Peabody Hall Chapel Hill, NC 27599-3500 Support for the evaluation of the Career Award for Science and Mathematics Teachers program University of North Carolina-Chapel Hill School of Education O'Sullivan, Rita Evaluation, Assessment, and Policy Connections (EvAP) CB3500, 213 E Peabody Hall Chapel Hill, NC 27599-3500 Support for the evaluation of the Career Award for Science and Mathematics Teachers program University of North Carolina-Chapel Hill School of Education O'Sullivan, Rita Evaluation, Assessment, and Policy Connections (EvAP) CB3500, 213 E Peabody Hall Chapel Hill, NC 27599-3500 Support for the evaluation of the Career Award for Science and Mathematics Teachers program University of North Carolina-Chapel Hill School of Education O'Sullivan, Rita	27229	2/15/2011	\$7,500
	28324	8/15/2011	\$360,000
	26481	9/15/2010	\$5,000
	27348	3/15/2011	\$3,000
	26473	9/15/2010	\$8,750
	26892	12/15/2010	\$8,750
	27222	2/15/2011	\$8,750
	28328		\$8,750

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
PARTXV SUPPLEMENTAL INFORMATION - LINE3a SCHEDULE #18
GRANTS PAID DURING THE YEAR
GRANTS TO INSTITUTIONS - All grant recipients listed below are 501(c)3 public charities

NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
Evaluation, Assessment, and Policy Connections (EvAP)CB3500, 213 E Peabody Hall Chapel Hill, NC 27599-3500		8/15/2011	
Support for the evaluation of the Career Award for Science and Mathematics Teachers program Wilkes County Schools			
Bell, Kim	27776	5/13/2011	\$43,095
200 Flint Hill Road North Wilkesboro, NC 28659			
Singapore Math Project - North Wilkesboro Elementary School - Wilkes County School District (A) Science, Math, and Technology Science Champion			
Friends of the North Carolina State Museum of Natural Sciences Nolan, Fran	27231	2/15/2011	\$20,000
11 West Jones Street Raleigh, NC 27601-1029			
Support for the 2011 North Carolina International Science Challenge McDowell County Schools			
Trollinger, Ira R.	27224	2/15/2011	\$37,500
334 South Main Street Marion, NC 28752			
Support for the mathematics-science partnership Teachers and Administrators Partnering for Mathematics Learning (TAP Math) North Carolina Chamber			
Cunningham, Vicki	26482	9/15/2010	\$5,000
701 Corporate Drive, Suite 400 Raleigh, NC 27607			
Support for the Second Annual Education Summit North Carolina School of Science and Mathematics Foundation			
Wagstaff, Katie T.	26624	10/15/2010	\$18,000
1219 Broad StreetP.O. Box 2733 Durham, NC 27705			
Continued support for the Student Academy of Science North Carolina Science Leadership Association			
Ryan, Darlene	26763	11/15/2010	\$15,000
750 South Merritt Mill Road Chapel Hill, NC 27516			
Support for year two of the the NCSLA Fellows program for 2009-11 Wilson County Schools			
Price, Larry	26623	10/15/2010	\$50,000
P.O. Box 2048117 N. Tarboro Street Wilson, NC 27894			
Support for the NC Leadership and Assistance for Science Education Reform (LASER) Demonstration and Professional Development Center (A) Special Award			

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
PARTXV SUPPLEMENTAL INFORMATION - LINE3a SCHEDULE #18
GRANTS PAID DURING THE YEAR
GRANTS TO INSTITUTIONS - All grant recipients listed below are 501(c)3 public charities

NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
University of California-San Francisco Foundation Faber, Michael P.O. Box 45339 San Francisco, CA 94145-0339 Support for the Graduate Student Internships for Career Exploration program (GSICE)	27225	2/15/2011	\$20,000
(A) Translational Research Association for Clinical Research Training (ACRT) Kite, Angela 1500 Sunday Drive, Suite 102 Raleigh, NC 27607 Support for the 2011 annual meeting of the Association for Clinical Research Training (ACRT) held in Washington, DC, April 27-29, 2011	27573	4/15/2011	\$10,000
Chordoma Foundation Sommer, Josh PO Box 2127 Durham, NC 27702 Support for the Third International Chordoma Research Workshop held in Bethesda, Maryland, March 17-19, 2011	27227	2/15/2011	\$5,000
Clinical Research Foundation McGrew, Cherri L. 1350 Connecticut Avenue, NWSuite 850 Washington, DC 20036 Support for the Clinical Research Forum and Clinical Research Foundation annual meeting held in Washington, DC, April 27-28, 2011, and for patient advocacy group program	\$15,000.00	4/15/2011	\$15,000
Health Research Alliance, Inc. (HRA) Ahlport, Kathryn N. 21 T.W. Alexander DrivePO Box 13901 Research Triangle Park, NC 27709 Support for the HRA's Regulatory Science Initiative for 2011-2012	28354	8/15/2011	\$25,000
Institute of Medicine Claiborne, Anne B. 500 5th Street, NW Washington, DC 20001 Support for the Forum on Drug Discovery, Development, and Translation from January 1 to December 31, 2011	27779	5/13/2011	\$30,000
National Academy of Sciences Claiborne, Anne B. 500 5th Street, NW Washington, DC 20001 Support for the IOM workshop titled "Strengthening a Workforce for Innovative Regulatory Science in Therapeutics Development" to be held September 20-21, 2011, in Washi	28350	8/15/2011	\$45,000
United Mitochondrial Disease Foundation Weil, Marian J. 8085 Saltsburg Road, Suite 201 Pittsburgh, PA 15239	27340	3/15/2011	\$15,000

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
PARTYV SUPPLEMENTAL INFORMATION - LINE3a SCHEDULE #18
GRANTS PAID DURING THE YEAR
GRANTS TO INSTITUTIONS - All grant recipients listed below are 501(c)3 public charities

<u>NAME / ADDRESS / PURPOSE</u>	<u>CHECK #</u>	<u>CHECK DATE</u>	<u>AMOUNT</u>
Support for the annual Symposium of the United Mitochondrial Disease Foundation (UMDF) held in Schaumburg, Illinois, June 15-18, 2011 University of Western Ontario Berkhout, Suze	26475	9/15/2010	\$10,000
University of British ColumbiaDept of Experimental Medicine & Dept of Philosophy1866 Main Mall Vancouver, BC V6T 1Z1			
Support for the 2010 Clinician Investigator Trainee Association of Canada's general meeting and international workshop held in Ottawa, Canada, September 20-21, 2010 Institutional Program Unifvina Population and Laboratory-based Sciences			
Emory University Briham. Kenneth L Division of Predictive HealthDeot. of Medicine550 Peachtree Street Suite 1850 Atlanta. GA 30308 Human health: molecules to mankind (M2M)	26617	10/15/2010	\$358,000
Emory University Briham. Kenneth L Division of Predictive HealthDeot. of Medicine550 Peachtree Street Suite 1850 Atlanta. GA 30308 Human health: molecules to mankind (M2M)	27764	5/13/2011	\$358,000
Regents of the University of California Liu. Simin Epidemioloav and MedicineCHS 71-254 Box 951772650 Charles E. Youna Drive South Los Angeles. CA 90095-1772	26619	10/15/2010	\$244,000
University of California-Los Angeles inter-school program in metabolic diseases Regents of the University of California Liu. Simin Epidemioloav and MedicineCHS 71-254 Box 951772650 Charles E. Youna Drive South Los Angeles. CA 90095-1772	27524	4/15/2011	\$244,000
University of California-Los Angeles inter-school program in metabolic diseases University of Texas-Houston Health Science Center Caskev. C. Thomas The Brown Foundation Institute of Molecular Medicine1825 Pressler Street. Suite 205 Houston. TX 77030	26618	10/15/2010	\$244,000
The Houston laboratory and population sciences traininga program in aene-environment interaction University of Texas-Houston Health Science Center Caskev. C. Thomas The Brown Foundation Institute of Molecular Medicine1825 Pressler Street. Suite 205 Houston. TX 77030	27765	5/13/2011	\$244,000
The Houston laboratory and population sciences traininga program in aene-environment interaction Student Science Enrichment Program Bladen County Schools Lee, Marilyn P.O. Box 37 Elizabethtown, NC 28337	26890	12/15/2010	\$60,000
Excite Sci Summer Science Epic Boys and Girls Club of Pitt County Faron, Jay	27019		\$52,400

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
 PART XV SUPPLEMENTAL INFORMATION - LINE 3a SCHEDULE #18
 GRANTS PAID DURING THE YEAR
 GRANTS TO INSTITUTIONS - All grant recipients listed below are 501(c)3 public charities

NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
621 West Fire Tower Road Greenville, NC 28590 Science Alive Carolina Electric Vehicle Coalition Pritchard, Ewan		1/13/2011	
NSF Freedom Systems Center Advanced Transportation Energy Center 1791 Varsity Drive, Suite 100 Campus Box 7571 Raleigh, NC 27695-7571	27763	5/13/2011	\$51,800
The EV Challenge: Promoting Science Education through Renewable Transportation Technologies Catawba College Osterhus, Cyndi	27065	1/13/2011	\$59,928
Teacher Education 2300 West Innes Street Salisbury, NC 28144 Catawba Conservation Camp Cherokee Boys Club, Inc. Rutkosky, Kayla	26748	11/15/2010	\$56,360
1055 Tobacco Branch Road Almond, NC 28702 Cherokee Science Investigation Cherokee Boys Club, Inc. Buttery, Ella	27070	1/13/2011	\$57,550
1460 Locust Creek Road Sylva, NC 28779-6579 Sensational Science Saturdays at Cherokee Elementary School Durham Academy Lineberger, David Howard	26751	11/15/2010	\$59,934
3601 Ridge Road Durham, NC 27705-5599 MONS (Mars Outreach for NC Students) Durham Public Schools LaCosse, Jeffrey	27066	1/13/2011	\$60,000
Durham, NC Scientifica: DPS Nurturing Future Scientists Elizabeth City State University Rossbach, Thomas J. Campus Box 925 Elizabeth City State University Elizabeth City, NC 27909 Teaching Earth Science to Inspire New Geologist Foundation of the Carolinas Cagley, Linda	26750	11/15/2010	\$53,260
	26749		\$57,940

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
PARTXV SUPPLEMENTAL INFORMATION - LINE3a SCHEDULE #18
GRANTS PAID DURING THE YEAR
GRANTS TO INSTITUTIONS - All grant recipients listed below are 501(c)3 public charities

NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
c/o Christ Lutheran Church 4519 Providence Road Charlotte, NC 28226		11/15/2010	
Sixth Grade Science Sleuths			\$60,000
Girl Scouts-North Carolina Coastal Pines			
Kelley-Deaton, Cindy	27328	3/15/2011	
6901 Pinecrest Road, P.O. Box 91649 Raleigh, NC 27675-1649			
Girl Scouts Design and Discover			
McDowell County Schools/West Marion Elementary			
Crawley, Renata Sabine	26752	11/15/2010	\$60,000
820 Marler Road Marion, NC 28752			
G.O.A.L. - Get Outside And Learn			
North Carolina Central University			
White, Sandra L.	27067	1/13/2011	\$59,850
1801 Fayetteville Street 305 Lee Biology Building Durham, NC 27707			
Students Making Another Science Success Story (SMASSS)			
North Carolina School of Science and Mathematics Foundation			
Stern, Carole	27073	1/13/2011	\$59,366
1219 Broad Street PO Box 2418 Durham, NC 27715			
Labs For Learning			
North Carolina Society of Hispanic Professionals			
Rodriguez-Bolchalk, Ana Maria			
114 Rosebrooks Drive Cary, NC 27513	26755	11/15/2010	\$53,340
Good Stewards of the Environment Program			
North Carolina State University			
Burkholder, JoAnn M.			
Dept. of Plant Biology Center for Applied Aquatic Ecology 620 Hutton Street, Suite 104 Raleigh, NC 27606	26756	11/15/2010	\$56,221
North Carolina Floating Classroom Program			
Orange County Schools			
Middleton, Bruce			
Math/Science Cameron Park Elementary 240 St. Mary's Road Hillsborough, NC 27278	27050	1/13/2011	\$43,464
iWalk on the Eno			
Pisgah Astronomical Research Institute			
Castelaz, Michael W.	27068		\$60,000

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
PARTXV SUPPLEMENTAL INFORMATION - LINE3a SCHEDULE #18
GRANTS PAID DURING THE YEAR
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NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
One PARI Drive Rosman, NC 28772 Space Science Lab Sampson Early College High School Carr, Linda 1801 Sunset Avenue P.O. Box 318 Clinton, NC 28329 Inspiring Science Scotland County Schools Lewis, Pam 22801 Airbase Road Laurinburg, NC 28352 Project QuEST (Quality Education through Science Teams) Shodor Education Foundation Inc. Panoff, Robert M. 300 West Morgan Street, Suite 1150 Durham, NC 27701 Computing MATTERS: Sowing the Seeds of SUCCEED Southeastern Community College Westbrooks, Rebecca Environmental Science/Biotechnology 4564 Chadbourn Highway P.O. Box 151 Whiteville, NC 28472 Summer Science Camp in Invasive Species University of North Carolina-Chapel Hill Haane, Dana Institute for the Environment CB 1105, Miller Hall 102 Pittsboro Street Chapel Hill, NC 27599 Climate Leadership and Energy Awareness Program University of North Carolina-Pembroke Pate, Sylvia H. One University Drive P.O. Box 1510 Pembroke, NC 28372-1510 Advanced Science Scholars Program Wake Forest University Wiethaus, Ulrike Interdisc.Appointments, HMN Program 1834 Wake Forest Road Winston-Salem, NC 27106 Cherokee MedCaT Academy Medical Career and Technology: Enriched Student Experiences in Health Careers Webb A. Murray Elementary School Cathey, Chip		1/13/2011	
	26611	10/15/2010	\$22,684
	27221	2/15/2011	\$59,989
	26754	11/15/2010	\$60,000
	27071	1/13/2011	\$33,088
	27069	1/13/2011	\$60,000
	26888	12/15/2010	\$60,000
	26753	11/15/2010	\$57,845
	27072		\$7,781

NAME / ADDRESS / PURPOSE	CHECK #	CHECK DATE	AMOUNT
3901 Section House Road Hickory, NC 28601 Adventure de Ciencia: Connecting science content to our world!		1/13/2011	
TOTAL			8,738,150

NAME	ADDRESS	PURPOSE	GRANT BALANCE
Career Award at the Scientific Interface			
Medical College of Wisconsin	Rochester, NY	Understanding glaucoma through structural and functional in vi	\$120,000
University of Chicago	Chicago, IL	Nonlinear dynamics underlying the cyanobacterial circadian clo	\$70,000
Stanford University	Stanford, CA	From single cells to populations: using microfluidics, genomics	\$140,000
To Be Named North American Degree Granting Institution	Stanford, CA	From single cells to populations, using microfluidics, genomics	\$360,000
President and Fellows of Harvard College	San Francisco, CA	Regulation of the RNA polymerase motor mechanism %in vivo	\$450,000
President and Fellows of Harvard College	Boston, MA	Self-assembled DNA devices for nanoscale manipulation of im	\$70,000
To Be Named North American Degree Granting Institution	Boston, MA	Self-assembled DNA devices for nanoscale manipulation of im	\$360,000
Regents of the University of California	Los Angeles, CA	Development of high-throughput blood screening technology fo	\$70,000
To Be Named North American Degree Granting Institution	Los Angeles, CA	Development of high-throughput blood screening technology fo	\$360,000
University of Southern California	Los Angeles, CA	Using genetically-targeted neural modulation to examine retina	\$70,000
To Be Named North American Degree Granting Institution	Los Angeles, CA	Using genetically-targeted neural modulation to examine retina	\$360,000
Harvard Medical School	Princeton, NJ	Neural circuit mechanisms underlying decision-making in mice	\$500,000
Rockefeller University	New York, NY	Robustness and optimality in loopv biological distribution netwc	\$70,000
To Be Named North American Degree Granting Institution	New York, NY	Robustness and optimality in loopv biological distribution netwc	\$360,000
Rockefeller University	New York, NY	Low-frequency hearing in mammals	\$70,000
To Be Named North American Degree Granting Institution	New York, NY	Low-frequency hearing in mammals	\$360,000
Trustees of Princeton University	Princeton, NJ	Biophysical approaches to study stem cell dynamics during req	\$70,000
To Be Named North American Degree Granting Institution	Princeton, NJ	Biophysical approaches to study stem cell dynamics during req	\$360,000
Washington University	St Louis, MO	Applying molecular spectroscopy to derive multi-scale cardiac l	\$70,000
To Be Named North American Degree Granting Institution	St Louis, MO	Applying molecular spectroscopy to derive multi-scale cardiac l	\$360,000
Career Award for Science and Mathematics Teachers			
Buncombe County Schools	Weaverville, NC	Bowman, Michael -- From Inquiry To STEM, Reframing My Cla	\$145,000
Winston-Salem Forsyth County Schools	Winston-Salem, NC	Bartlett, Wendy -- Using Technology to Engage Students in th	\$145,000
Winston-Salem Forsyth County Schools	Winston-Salem, NC	Fisher, Gregory -- Strengthening the Math Instruction in Forsyt	\$145,000
Cumberland County Schools	Fayetteville, NC	Kaiser, Heather - Simulations that Stimulate Student Scientists	\$145,000
Evergreen Community Charter School	Asheville, NC	Miles, Stuart - Career Awards in Science and Mathematics	\$145,000
Haywood County Schools	Civide, NC	Northrup, Amanda -- Enriching Elementary STEM Teaching an	\$145,000
Career Awards in the Biomedical Sciences			
Stanford University	Stanford, CA	Regulation of gene targeting in vertebrate somatic cells	\$132,389
Stanford University	Stanford, CA	Efficient genome-based inference of ancestrv for use in genetic	\$141,951
Stanford University	Stanford, CA	Efficient genome-based inference of ancestrv for use in genetic	\$173,364
Career Awards in the Medical Sciences			
Regents of the University of California	La Jolla, CA	The molecular basis and therapeutic implications of genome in	\$490,000
Johns Hopkins University	Baltimore, MD	Identification of novel genes that regulate sleep in Drosophila n	\$88,553
University of California-Los Angeles School of Medicine	Saint Louis, MO	Mechanism of peripheral neuropathy from Mitofusin 2 mutation	\$350,000
Massachusetts General Hospital	Boston, MA	Translational molecular genetic analyses of chemotherapeutic	\$525,000
J David Gladstone Institutes	San Francisco, CA	Physiologic and pathologic interactions of alpha-synuclein with	\$69,708
Regents of the University of California	Palo Alto, CA	Bacteriophage communities in oral health and disease	\$68,142
Regents of the University of California	San Francisco, CA	Hemoqenic endothelium: hematopoietic stem cell emergence f	\$38,420
University of Texas Southwestern Medical Center-Dallas	Dallas, TX	Munshi, Nikhil -- Genomic Approaches to Understanding the C	\$700,000
To Be Named North American Degree Granting Institution	Durham, NC	Finberg, Karin -- Identification of Novel Genetic Regulators of A	\$605,000
To Be Named North American Degree Granting Institution	San Francisco, CA	Ganquly, Karunesh - Control of a Complex Neuroprosthetic De	\$605,000
To Be Named North American Degree Granting Institution	Philadelphia, PA	Rentschler, Stacey -- The role of notch signaling in preexcitatio	\$605,000
Massachusetts General Hospital	Charlestown, MA	Kwon, Douglas -- New technologies for the study of HIV muco	\$95,000
To Be Named North American Degree Granting Institution	Charlestown, MA	Kwon, Douglas -- New technologies for the study of HIV muco	\$605,000
To Be Named North American Degree Granting Institution	Boston, MA	Shulman, Joshua -- Exploring the Genetics of Parkinson's Dise	\$605,000
To Be Named North American Degree Granting Institution	Cambridge, MA	Snyder, Eric -- Regulation of lung cancer progression by the ce	\$605,000
To Be Named North American Degree Granting Institution	Cold Spring Harbor, NY	Vakoc, Christopher -- Identifying epigenetic vulnerabilities in ch	\$605,000

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
 PART XV SUPPLEMENTAL INFORMATION - LINE 3b SCHEDULE #19
 GRANTS APPROVED FOR FUTURE PAYMENT
 GRANTS TO INDIVIDUALS

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NAME	ADDRESS	PURPOSE	GRANT BALANCE
To Be Named North American Degee Granting Institution	Stanford, CA	Wang, Kevin -- Mechanisms of transcriptional regulation by lon	\$605,000
To Be Named North American Degee Granting Institution	Boston, MA	Wesemann, Duane - Extramedullary B Cell Development in the	\$605,000
Investigators in Pathogenesis of Infectious Disease			
Mount Sinai School of Medicine	New York, NY	Innate immune recognition of vita-PAMPs a new class of path	\$400,000
Regents of the University of California	Berkeley, CA	Interactions between TLRs and intracellular pathogens	\$400,000
Stanford University	Stanford, CA	Mechanisms of intestinal microbiota-conferred protection from	\$400,000
Trustees of the University of Pennsylvania	Philadelphia, PA	Systems biology of Alphavirus infection	\$400,000
University of Washington	Seattle, WA	Breaching the commensal barrier to infection with type VI secret	\$400,000
California Institute of Technology	Pasadena, CA	Novel probiotic therapy for microbial infections	\$400,000
Yale University	Boston, MA	Structural mechanism of herpesvirus egress	\$400,000
Trustees of Columbia University in the City of New York	New York, NY	Characterization of a novel family of receptors mediating meta	\$400,000
Regents of the University of Michigan	Ann Arbor, MI	Prostaglandin E2 synthesis and signaling in the pathogenesis o	\$400,000
Mount Sinai School of Medicine	New York, NY	Small RNA-mediated control of microbes	\$400,000
Research Travel Grant			
Trustees of Columbia University in the City of New York	New York, NY	Kamenetska, Maria -- Quantifying Histone Control over DNA Ti	\$7,474
TOTAL			\$17,845,001

BURROUGHS WELLCOME FUND 990-PF FOR FISCAL YEAR ENDED 8/31/2011
PART XV SUPPLEMENTAL INFORMATION - LINE 3b SCHEDULE #20
GRANTS APPROVED FOR FUTURE PAYMENT
GRANTS TO INSTITUTIONS - All grant recipients listed below are 501(c)3 public charities

NAME	ADDRESS	PURPOSE	GRANT BALANCE
(A) General Education Grant			
Watauga Education Foundation	Boone, NC	Support in lieu of honorarium for Career Awards for Science ar	\$ 1,000
Public School Forum of North Carolina	Raleigh, NC	Support for the Institute for Educational Policymakers	\$ 450,000
(A) General Philanthropy			
Friends of the Mountains to Sea Trail, Inc.	Raleigh, NC	General support for 2011-12, in lieu of honorarium for Career /	500
Neuse River Golden Retriever Rescue	Raleigh, NC	General support in 2011-12, in lieu of honorarium for BWF Car	\$ 1,350
University of North Carolina Foundation	Greensboro, NC	Support for the inauguration of Tom Ross as president of the U	\$ 2,500
(A) Interfaces in Science			
Marine Biological Laboratory (MBL)	Woods Hole, MA	Support for the course "Physiology: Modern Cell Biology Using	\$ 200,000
Rutgers, The State University of New Jersey	Piscataway, NJ	Support for an international DIMACS conference titled "Effects	\$ 8,000
(A) Reproductive Science			
University of California-San Francisco School of Medicine	San Francisco, CA	Support for a Reproductive Scientist Development Program (R	\$ 160,000
(A) Science Education			
Cumberland County Schools	Hope Mills, NC	Cumberland County Schools' Singapore Math Pilot Project at C	\$ 189,836
Guilford County Schools	Greensboro, NC	Singapore Math Pilot at Murphey Traditional Academy in Guilf	\$ 197,764
Wilkes County Schools	North Wilkesboro, NC	Singapore Math Project - North Wilkesboro Elementary School	\$ 171,080
McDowell County Schools	Marion, NC	Building a Strong Math Foundation Through Constructing, Dra	\$ 191,220
Bladen County Schools	Elizabethtown, NC	Singapore Math Pilot - Bladen County School System	\$ 219,167
University of North Carolina-Chapel Hill	Chapel Hill, NC	Support for the tenth annual NC OPT-ED Alliance Day Confere	\$ 7,000
James B. Hunt Jr. Institute for Educational Leadership and Policy	Durham, NC	Support for the Hunt Institute's efforts to promote North Caroli	\$ 25,000
Four Oaks Middle School	Four Oaks, NC	Support for the Barrett Rose Scholarship, in lieu of honorarium	\$ 1,150
(A) Science, Math, and Technology Science Champion			
North Carolina Science Leadership Association	Chapel Hill, NC	Support for year two of the the NCSLA Fellows program for 20	\$ 15,000
North Carolina Chamber	Raleigh, NC	Support for the Third Annual Education Summit	\$ 5,000
Clinical Scientist Award in Translational Research			
Regents of the University of Michigan	Ann Arbor, MI	Pharmacogenomics of hypertension	\$ 150,000
Vanderbilt University School of Medicine	Nashville, TN	Cysteinyl leukotriene receptor inhibitors. a target for decreasin	\$ 337,500
Pre-term Birth Initiative			
Washington University	St. Louis, MO	Occult infections in the etiology of preterm birth	\$ 450,000
Baylor College of Medicine	Houston, TX	Contributions of maternal-fetal mitochondrial genome and micr	\$ 450,000
University of Texas Southwestern Medical Center-Dallas	Dallas, TX	Assessment of cervical ripening by sodium magnetic resonanc	\$ 450,000
University of Iowa	Iowa City, IA	Genomic signatures of gene exoression and alternative splicin	\$ 450,000
Stanford University	Stanford, CA	Genomic networks that guide trophoblast invasion and disease	\$ 450,000
Student Science Enrichment Program			
Cherokee Middle School	Almond, NC	Cherokee Science Investigation	\$ 109,277
TOTAL			\$ 4,692,343

Part II

ASSETS

Burroughs Wellcome Fund

990-PF for 2010

Fiscal Year Ended 8/31/2011

Part II Line 2 column (b) and (c)

Shares/Par Value	Security Name	Asset Class	Cost - Base	Market Value - Base
5,005,280	EURO CURRENCY	CASH	7,105	7,207
-17,536,470	US DOLLAR	CASH	-17,536	-17,536
5,440	AUSTRALIAN DOLLAR	CASH	6	6
955,085,880	EURO CURRENCY	CASH	1,370,523	1,375,132
176,050	HONG KONG DOLLAR	CASH	23	23
1,372,512,000	JAPANESE YEN	CASH	17,944	17,948
922,490	AUSTRALIAN DOLLAR	CASH	988	988
59,860	CANADIAN DOLLAR	CASH	61	61
50,801,150	EURO CURRENCY	CASH	72,169	73,143
1,330,680	POUND STERLING	CASH	2,137	2,167
102,419,000	JAPANESE YEN	CASH	1,107	1,339
336,999,530	US DOLLAR	CASH	337,000	337,000
47,450	EURO CURRENCY	CASH	68	68
6,720	CANADIAN DOLLAR	CASH	6	7
32,940,560	BRAZILIAN REAL	CASH	20,558	20,741
45,188,110	SWISS FRANC	CASH	57,528	56,033
17,138,970	EURO CURRENCY	CASH	24,689	24,677
59,120	POUND STERLING	CASH	98	96
54,407,050	HONG KONG DOLLAR	CASH	6,983	6,985
1,071,360,000	JAPANESE YEN	CASH	13,844	14,010
225,075,000	SWEDISH KRONA	CASH	35,727	35,590
50,000,000	FANNIE DISCOUNT NOTE DISCOUNT NOT 06/12 0 00000	CASH EQUIVALENT	49,926	49,926
5,370,318,710	SSGA FDS PRIME FD	FIXED INCOME	5,370,319	5,370,319
622,643,150	SSGA FDS PRIME FD	FIXED INCOME	622,643	622,643
4,641,821,570	SSGA FDS PRIME FD	FIXED INCOME	4,641,822	4,641,822
1,167,617,650	SSGA FDS PRIME FD	FIXED INCOME	1,167,618	1,167,618
45,290	SSGA FDS PRIME FD	FIXED INCOME	45	45
72,807,810	SSGA FDS PRIME FD	FIXED INCOME	72,808	72,808
445,039,280	SSGA FDS PRIME FD	FIXED INCOME	445,039	445,039
21,000,000	JP MORGAN FUTURES CASH COLLATERAL	FIXED INCOME	21,000	21,000
20,000,000	MERRILL FUTURES CASH COLLATERAL	FIXED INCOME	20,000	20,000
140,453,020	SSGA FDS PRIME FD	FIXED INCOME	140,453	140,453
0,440	SSGA FDS PRIME FD	FIXED INCOME	0	0
14,010	SSGA FDS PRIME FD	FIXED INCOME	14	14
203,912,030	SSGA FDS PRIME FD	FIXED INCOME	203,912	203,912
465,140	SSGA FDS PRIME FD	FIXED INCOME	465	465
13,840	SSGA FDS PRIME FD	FIXED INCOME	14	14
1,548,994,570	SSGA FDS PRIME FD	FIXED INCOME	1,548,995	1,548,995
11,710	SSGA FDS PRIME FD	FIXED INCOME	12	12
754,170	SSGA FDS PRIME FD	FIXED INCOME	754	754
1,207,678,980	SSGA FDS PRIME FD	FIXED INCOME	1,207,679	1,207,679
Cash in Checking account at Wells Fargo Bank, North Carolina				989,905
TOTAL				18,459,107

Shares/Par	Description	Cost - Base	Market Value - Base
1,700,000.000	ILLINOIS ST ILS 01/12 FIXED 2.766	1,700,000	1,710,030
600,000.000	LOS ANGELES CA UNIF SCH DIST LOSSCD 07/22 FIXED 4 5	532,824	629,706
160,000.000	OHIO ST HSG FIN AGY RESIDENTIA OHSHSG 09/17 FIXED OID 6.036	159,920	164,938
100,000.000	CALIFORNIA ST CAS 11/40 FIXED 7 6	100,949	121,159
100,000.000	LOS ANGELES CALIF UNI SCH DIST LOSSCD 07/23 FIXED 4.5	88,307	102,934
4,700,000.000	US TREASURY N/B 08/20 2.625	4,823,723	4,928,749
4,127,600.000	TSY INFL IX N/B 01/21 1.125	4,241,368	4,521,992
1,800,000.000	AUSTRALIAN GOVERNMENT SR UNSECURED 04/12 5.75	1,683,836	1,949,012
1,500,000.000	US TREASURY N/B 08/21 2.125	1,490,239	1,487,340
1,200,000.000	US TREASURY N/B 07/18 2 25	1,231,194	1,257,096
1,100,000.000	US TREASURY N/B 05/41 4.375	1,225,642	1,260,699
1,300,000.000	AUSTRALIAN GOVERNMENT SR UNSECURED 06/16 4.75	1,169,515	1,441,117
800,000.000	EXPORT IMPORT BK KOREA SR UNSECURED 01/14 8.125	796,992	905,168
500,000.000	US TREASURY N/B 11/24 7 5	727,554	768,830
500,000.000	US TREASURY N/B 08/21 8.125	723,824	767,500
600,000.000	US TREASURY N/B 09/17 1.875	598,669	619,686
600,000.000	US TREASURY N/B 08/40 3.875	570,744	630,846
300,000.000	BUNDESREPUB. DEUTSCHLAND BONDS 07/18 4.25	474,912	503,296
412,308.000	TSY INFL IX N/B 02/41 2.125	448,387	509,007
400,000.000	CANADIAN GOVERNMENT NOTES 03/12 1 5	376,299	410,186
294,501.060	TSY INFL IX N/B 02/40 2.125	366,389	361,983
300,000.000	US TREASURY N/B 03/16 2 25	310,863	319,641
260,000.000	US TREASURY N/B 02/29 5.25	299,809	335,847
300,000.000	FREDDIE MAC NOTES 02/12 VAR	299,486	299,991
200,000.000	US TREASURY N/B 08/28 5.5	234,152	265,250
200,000.000	US TREASURY N/B 11/39 4 375	226,936	228,968
200,000.000	US TREASURY N/B 03/18 2.875	199,683	218,296
200,000.000	AUSTRALIAN GOVERNMENT SR UNSECURED 02/17 6.	198,270	234,889
200,000.000	REPUBLIC OF INDONESIA SR UNSECURED 144A 05/21 4.875	196,508	212,750
190,000.000	FREDDIE MAC NOTES 08/16 2.	190,758	197,110
160,546.160	NEW VALLEY GENERATION I PASS THRU CE 03/19 7.299	160,546	196,468
130,000.000	FED REPUBLIC OF BRAZIL SR UNSECURED 01/19 5.875	139,425	153,400
139,000.000	FANNIE MAE BONDS 09/16 1.25	138,747	138,557
125,000.000	FED REPUBLIC OF BRAZIL SR UNSECURED 10/19 8.875	137,715	175,438
126,000.000	US TREASURY N/B 02/40 4.625	133,362	150,137
116,000.000	US TREASURY N/B 05/21 3 125	121,116	125,643
120,000.000	FANNIE MAE NOTES 04/16 2.375	119,755	126,758
100,000.000	AUSTRALIAN GOVERNMENT SR UNSECURED 03/19 5.25	110,501	114,215
100,000.000	CANADIAN GOVERNMENT BONDS 06/21 3.25	109,459	109,592
100,000.000	CHINA DEVELOPMENT BANK SR UNSECURED 10/15 5	98,860	110,099
89,000.000	US TREASURY N/B 02/41 4.75	98,046	108,246
79,000.000	US TREASURY N/B 05/41 4.375	91,813	90,541
50,000.000	UNITED MEXICAN STATES SR UNSECURED 08/31 8.3	52,313	71,750
20,000.000	US TREASURY N/B 08/21 2.125	19,980	19,831
14,000.000	REPUBLIC OF HUNGARY SR UNSECURED 03/21 6.375	13,869	14,490
10,000.000	REPUBLIC OF POLAND SR UNSECURED 04/21 5.125	9,883	10,400
26,736.530	GNMA II POOL 008140	27,530	27,993
4,929.810	GNMA II POOL 008404	5,030	5,148
400,776.660	GNMA POOL 710935	423,978	449,022
182,443.000	GNMA POOL 717997	188,600	201,388
318,273.610	GNR 2003 11 S 02/33 VAR	51,620	60,373
7,000,000.000	FNMA TBA SEP 15YR TBAXXX	7,293,594	7,304,080
5,921,423.210	FNMA POOL AH6783	5,821,499	6,144,069
3,000,000.000	FNMA TBA SEP 15YRS TBAXXX	3,161,438	3,160,770

990-PF for 2010

Fiscal Year Ended 8/31/2011

Part II Line 10a column (b) and (c)

Shares/Par	Description	Cost - Base	Market Value - Base
2,542,563.330	FNMA POOL AH4294	2,475,424	2,616,882
2,080,219.880	FNMA POOL AA4524	2,195,932	2,220,614
1,900,000.000	FNMA TBA OCT 30 SINGLE FAM	1,988,285	2,002,638
1,936,594.060	FNMA POOL 932865	1,966,475	2,010,030
1,850,882.040	FNMA POOL AD6209	1,898,022	1,952,995
1,741,688.250	FNMA POOL AB1066	1,820,472	1,837,777
1,652,364.320	FNMA POOL AA7689	1,678,570	1,748,515
1,548,779.870	FNMA POOL AI1729	1,610,489	1,638,903
1,300,000.000	FNMA TBA OCT 30 SINGLE FAM	1,388,156	1,397,097
1,189,707.790	FNMA POOL AH1442	1,111,726	1,199,773
1,000,000.000	FNMA TBA SEP 30 SINGLE FAM	1,069,688	1,077,190
1,032,643.070	FNMA POOL AE5463	1,048,576	1,071,801
1,000,000.000	FNMA TBA OCT 15YR TBAXXX	1,039,844	1,041,090
996,281.570	FNMA POOL AH3162	1,011,654	1,034,061
996,221.570	FNMA POOL AH3811	1,011,593	1,033,998
1,000,000.000	FNMA TBA SEP 30 SINGLE FAMILY	1,009,063	1,007,230
991,722.210	FNMA POOL AH3394	1,007,024	1,029,328
993,118.260	FNMA POOL AH9014	998,084	1,050,908
917,505.440	FNMA POOL 878732	963,381	1,009,871
762,178.460	FNMA POOL 988898	790,522	804,228
687,171.760	FNMA POOL 899721	737,851	762,067
714,927.960	FNMA POOL AH0936	668,067	720,976
625,420.920	FNMA POOL AD7157	653,467	659,925
600,000.000	FNMA 15 YR OCT TBAXXX	629,172	631,128
500,000.000	FNMA TBA SEP 15 SINGLE FAM	536,953	538,440
445,227.880	FNMA POOL AH6268	462,967	471,136
412,712.220	FEDERAL NATL MTG ASSN REMIC REMIC TR 1994 75 CL K	406,844	473,581
300,000.000	FNMA TBA OCT 30 SINGLE FAM	324,656	327,327
329,727.460	FNMA POOL AE2145	321,021	339,675
233,174.480	FNMA POOL 930851	243,631	246,111
211,578.880	FNMA POOL 745275	223,259	228,859
188,247.110	FEDERAL NATL MTG ASSN REMIC REMIC TR 1993 044 CL PZ	172,460	215,126
145,172.750	FNW 2003 W4 4A 10/42 VAR	158,011	169,871
151,847.220	FNMA POOL AE8967	157,162	158,079
114,602.750	FNMA POOL 544861	117,611	120,163
106,495.650	FNMA POOL 932862	102,519	107,397
467,223.300	FNR 2005 65 KI 08/35 VAR	77,384	89,191
70,431.900	FNMA POOL 745355	74,581	76,184
68,467.600	FNMA POOL 735578	72,501	74,059
71,741.340	FNMA POOL 252212	72,190	82,317
74,328.080	FNMA POOL AB2373	69,456	74,957
408,532.700	FNR 2008 34 SM 05/38 VAR	57,705	82,754
49,684.400	FEDERAL NATL MTG ASSN PREASSIGN 00281/2002 W1 CL 2A	54,304	58,447
32,577.220	FEDERAL NATL MTG ASSN PREASSIGN 00482/2003 W1 CL 2A	35,392	38,596
337,819.760	FNR 2010 105 IO 8/20 FIXED 5	34,732	35,407
195,914.460	FNR 2004 51 SX 07/34 VAR	30,550	38,323
201,769.170	FNR 2005 45 SR 06/35 VAR	27,869	40,389
163,095.120	FNR 2004 64 SW 8/34 VAR	26,146	36,640
24,688.850	FNMA POOL 445780	24,490	28,328
15,886.430	FEDERAL NATL MTG ASSN PREASSIGN 00162/2002 33 CL A2	16,793	18,514
157,424.550	FNR 2003 73 SM 4/18 VAR	14,562	15,769
50,646.000	FEDERAL NATL MTG ASSN STRIPPED SER 351 SMBS TR 000351 CL 3	12,005	6,899
10,938.320	FNMA POOL 535249	11,333	12,551
66,271.410	FEDERAL NATL MTG ASSN SER 343 CL 21	9,796	5,775

990-PF for 2010

Fiscal Year Ended 8/31/2011

Part II Line 10a column (b) and (c)

Shares/Par	Description	Cost - Base	Market Value - Base
39,689.260	FEDERAL NATL MTG ASSN SMBS TR 000343 CL 2	9,005	4,867
8,526.490	FNMA POOL 255702	8,694	9,300
29,604.000	FEDERAL NATL MTG ASSN STRIPPED SER SMBS TR 000351 CL 4	6,897	3,994
6,913.440	FNMA POOL 500683	6,675	7,933
23,167.250	FEDERAL NATL MTG ASSN SER 343 SMBS TR CL 22	3,620	2,059
1,665.740	FNMA POOL 535412	1,627	1,682
-300,000.000	FNMA TBA OCT 30 SINGLE FAM	-327,445	-327,327
-1,000,000.000	FNMA TBA SEP 30 SINGLE FAM	-1,070,742	-1,077,190
-2,000,000.000	FNMA TBA OCTOBER 15 YR SINGLE	-2,041,953	-2,048,120
-2,000,000.000	FNMA TBA SEP 15 SINGLE FAM	-2,131,875	-2,131,560
-6,000,000.000	FNMA OCT TBA TBAXXX	-6,216,563	-6,198,780
1,200,000.000	FHLMC TBA OCT 30 GOLD SINGLE	1,320,375	1,326,192
1,200,000.000	FHLMC TBA SEP 30 GOLD SINGLE	1,320,188	1,328,628
980,781.750	FED HM LN PC POOL A96413	965,304	1,017,738
772,409.970	FED HM LN PC POOL W30008	772,893	911,075
733,208.720	FEDERAL HOME LN MTG PC GTD SER 1722 CL 1722 PK	732,178	793,094
285,222.200	FED HM LN PC POOL G01770	288,208	313,357
298,740.760	FEDERAL HOME LN MTG CORP PREASSIGN 00833	277,403	298,627
268,215.490	FEDERAL HOME LN MTG CORP SER T 56 CL 3AF PREASIGN 00629	272,469	263,794
206,990.710	FED HM LN PC POOL A40366	192,954	219,828
122,044.480	FED HM LN PC POOL A34552	113,168	129,614
100,000.000	FHLMC TBA OCT 30 GOLD SINGLE	106,547	107,266
49,868.640	FED HM LN PC POOL A47924	46,487	52,961
40,761.890	FEDERAL HOME LN MTG PC GTD SER 1915 CL C	40,700	48,909
28,688.830	FED HM LN PC POOL C01599	29,074	31,537
25,954.210	FED HM LN PC POOL C14186	26,648	30,247
184,247.230	FHR 2980 SL 11/34 VAR	26,486	37,302
26,775.170	FEDERAL HOME LN MTG PC GTD SER 1923 CL 1923 D	26,169	32,122
26,658.640	FEDERAL HOME LN MTG PC GTD SER 1928 CL 1928 D	25,984	26,648
11,437.610	FED HM LN PC POOL D64183	11,743	13,263
45,464.080	FEDERAL HOME LN MTG CORP 4.5PCT SER 233 CL 5	10,379	5,267
31,871.090	FEDERAL HOME LN MTG CORP PREASSIGN 00596 SER 2967 CL JI	6,773	3,767
28,980.250	FEDERAL HOME LOAN MTG SER 2934 CLASS HI	6,013	3,245
29,195.640	FEDERAL HOME LN MTG CORP SER 2934 CL KI	5,876	3,431
42,746.430	FEDERAL HOME LN MTG CORP PREASSIGN 00474/SER 2380 CL SI	5,768	7,731
8,902.290	FEDERAL HOME LN MTG CORP PARTN S1 0091/SER 212 CL IO	4,163	2,193
3,511.080	FED HM LN PC POOL A16908	3,641	4,007
24,595.960	FEDERAL HOME LN MTG CORP 03/17 VAR	1,537	280
6,964.960	FEDERAL HOME LN MTG CORP PREASSIGN 00613 SER 2553 CL GS	741	48
-1,200,000.000	FHLMC TBA SEP 30 GOLD SINGLE	-1,323,375	-1,328,628

TOTAL**76,132,716**

990-PF for 2010

Fiscal Year Ended 8/31/2011

Part II Line 10b column (b) and (c)

Shares/Par	Description	Cost - Base	Market Value - Base
3,300.000	BARRICK GOLD CORP COMMON STOCK NPV	146,301	167,475
3,000.000	JARDINE MATHESON HLDGS LTD COMMON STOCK USD 25	116,146	166,200
5,200.000	PROGRESSIVE WASTE SOLUTIONS COMMON STOCK	127,927	116,272
300 000	SHIRE PLC ADR ADR	10,818	29,130
2,400.000	ASML HOLDING N V NY REGISTERED SHS	76,285	84,648
59,916.667	CAPITAL GUARDIAN INTL NON US SMALL	1,080,332	1,544,652
902,344.553	CAPITAL GUARDIAN RETRICTED EQUITY FUND	9,098,338	13,282,512
1,300.000	AMC NETWORKS INC A COMMON STOCK	50,344	48,100
100.000	ABBOTT LABORATORIES COMMON STOCK NPV	4,745	5,251
200.000	ABERCROMBIE + FITCH CO CL A COMMON STOCK USD 01	11,658	12,722
300.000	ACME PACKET INC COMMON STOCK USD.001	21,017	14,127
400.000	ADVANCE AUTO PARTS INC COMMON STOCK USD 0001	24,548	24,288
3,400.000	AGILENT TECHNOLOGIES INC COMMON STOCK USD.01	166,343	125,358
13,400 000	ALEXION PHARMACEUTICALS INC COMMON STOCK USD 0001	514,148	776,463
400.000	ALLERGAN INC COMMON STOCK USD.01	30,285	32,724
400 000	ALLIANCE DATA SYSTEMS CORP COMMON STOCK USD.01	38,326	37,364
300.000	ALLIED NEVADA GOLD CORP COMMON STOCK USD.001	10,581	12,459
3,800.000	ALTERA CORP COMMON STOCK USD 001	135,423	138,282
7,400.000	AMERISOURCEBERGEN CORP COMMON STOCK USD.01	257,803	292,892
1,400.000	AMERIGROUP CORP COMMON STOCK USD 01	84,066	69,258
2,350.000	AMETEK INC COMMON STOCK USD.01	96,591	91,838
200.000	ANADARKO PETROLEUM CORP COMMON STOCK USD.1	15,324	14,750
500.000	APACHE CORP COMMON STOCK USD.625	61,588	51,535
3,300 000	APPLE INC COMMON STOCK NPV	537,658	1,269,939
100.000	ARCH COAL INC COMMON STOCK USD.01	3,401	2,031
900.000	ARIBA INC COMMON STOCK USD.002	30,052	24,417
900.000	ARROW ELECTRONICS INC COMMON STOCK USD1.	35,879	28,080
18,400.000	ATMEL CORP COMMON STOCK USD 001	234,012	167,624
300.000	ATWOOD OCEANICS INC COMMON STOCK USD1.	12,473	12,627
300.000	AUTODESK INC COMMON STOCK USD.01	13,069	8,460
4,700.000	AUTOMATIC DATA PROCESSING COMMON STOCK USD.1	239,627	235,141
800.000	AUTONATION INC COMMON STOCK USD.01	22,521	32,304
2,000.000	AUTOZONE INC COMMON STOCK USD.01	407,795	614,000
1,600.000	BABCOCK + WILCOX CO/THE COMMON STOCK USD.01	42,988	36,848
8,700.000	BAKER HUGHES INC COMMON STOCK USD1.	616,131	531,657
400.000	BALL CORP COMMON STOCK NPV	13,840	14,368
1,700.000	CR BARD INC COMMON STOCK USD.25	173,796	161,942
300.000	BAXTER INTERNATIONAL INC COMMON STOCK USD1.	17,794	16,794
300.000	BE AEROSPACE INC COMMON STOCK USD.01	12,277	10,449
2,900 000	BECTON DICKINSON AND CO COMMON STOCK USD1	238,582	236,002
300.000	BIG LOTS INC COMMON STOCK USD.01	10,240	10,170
2,300.000	BIOGEN IDEC INC COMMON STOCK USD 0005	238,039	216,660
8,900.000	H+R BLOCK INC COMMON STOCK NPV	135,596	134,568
5,200.000	BORGWARNER INC COMMON STOCK USD.01	370,906	371,228
300.000	BRIGHAM EXPLORATION CO COMMON STOCK USD.01	8,959	8,730
3,200.000	BROOKDALE SENIOR LIVING INC COMMON STOCK USD.01	64,134	51,552
1,800.000	BROWN FORMAN CORP CLASS B COMMON STOCK USD.15	111,715	129,150
500.000	BRUKER CORP COMMON STOCK USD.01	10,219	7,115
7,100.000	CBS CORP CLASS B NON VOTING COMMON STOCK USD.001	185,889	177,855
16,500.000	CB RICHARD ELLIS GROUP INC A COMMON STOCK USD 01	377,092	250,140
1,200.000	CF INDUSTRIES HOLDINGS INC COMMON STOCK USD.01	161,839	219,384
7,300.000	C.H. ROBINSON WORLDWIDE INC COMMON STOCK USD.1	536,983	514,650
12,800.000	CSX CORP COMMON STOCK USD1.	325,180	280,832
1,600.000	CABLEVISION SYSTEMS NY GRP A COMMON STOCK USD.01	41,096	28,896

Shares/Par	Description	Cost - Base	Market Value - Base
2,500.000	CABOT OIL + GAS CORP COMMON STOCK USD.1	170,558	189,650
1,900.000	CADENCE DESIGN SYS INC COMMON STOCK USD.01	16,536	17,556
1,500.000	CAMERON INTERNATIONAL CORP COMMON STOCK USD.01	76,885	77,940
500.000	CARBO CERAMICS INC COMMON STOCK USD 01	77,898	80,075
2,600.000	CARDINAL HEALTH INC COMMON STOCK NPV	112,842	110,500
3,500.000	CAREFUSION CORP COMMON STOCK USD.01	94,010	89,635
6,400.000	CARMAX INC COMMON STOCK USD.5	210,786	179,904
100.000	CATALYST HEALTH SOLUTIONS IN COMMON STOCK USD 01	5,587	5,372
8,300.000	CATERPILLAR INC COMMON STOCK USD1.	795,950	755,300
2,700.000	CERNER CORP COMMON STOCK USD.01	160,911	178,092
2,200.000	CHARLES RIVER LABORATORIES COMMON STOCK USD.01	85,538	72,864
2,200.000	CHARTER COMMUNICATION A COMMON STOCK	118,800	109,736
4,100.000	CHEVRON CORP COMMON STOCK USD.75	401,074	405,531
3,100.000	CHICAGO BRIDGE + IRON NY SHR NY REG SHRS EUR.01	117,097	110,825
1,100.000	CHIPOTLE MEXICAN GRILL INC COMMON STOCK USD.01	177,768	344,707
4,300.000	CHURCH + DWIGHT CO INC COMMON STOCK USD1	175,108	187,222
6,600.000	CIENA CORP COMMON STOCK USD.01	130,271	80,784
400.000	CIMAREX ENERGY CO COMMON STOCK USD 01	32,784	28,436
1,200.000	CITRIX SYSTEMS INC COMMON STOCK USD.001	75,619	72,516
700.000	COBALT INTERNATIONAL ENERGY COMMON STOCK USD 01	9,630	6,769
9,700.000	COCA COLA CO/THE COMMON STOCK USD.25	617,810	683,365
13,900.000	COCA COLA ENTERPRISES COMMON STOCK USD1.	354,127	383,918
4,100.000	COGNIZANT TECH SOLUTIONS A COMMON STOCK USD.01	198,177	260,145
100.000	COLGATE PALMOLIVE CO COMMON STOCK USD1.	8,630	8,997
11,700.000	COMCAST CORP CLASS A COMMON STOCK USD1.	285,326	251,667
1,000.000	COMPUWARE CORP COMMON STOCK USD.01	9,921	8,460
1,700.000	CONAGRA FOODS INC COMMON STOCK USD5.	42,111	41,514
6,200.000	CONCHO RESOURCES INC COMMON STOCK USD.001	609,195	539,090
3,100.000	CONSOL ENERGY INC COMMON STOCK USD.01	153,040	141,546
700.000	COOPER COS INC/THE COMMON STOCK USD.1	44,441	52,689
3,200.000	COPART INC COMMON STOCK NPV	139,905	137,728
400.000	CORN PRODUCTS INTL INC COMMON STOCK USD.01	22,206	18,704
10,000.000	COSTCO WHOLESALE CORP COMMON STOCK USD.005	769,553	785,400
2,400.000	COVANCE INC COMMON STOCK USD.01	135,287	118,944
11,300.000	CROWN HOLDINGS INC COMMON STOCK USD5.	408,652	400,811
1,200.000	CUMMINS INC COMMON STOCK USD2 5	112,447	111,504
8,400.000	CYPRESS SEMICONDUCTOR CORP COMMON STOCK USD.01	171,810	133,056
900.000	DST SYSTEMS INC COMMON STOCK USD.01	43,603	42,228
800.000	DANAHER CORP COMMON STOCK USD.01	41,527	36,648
500.000	DAVITA INC COMMON STOCK USD.001	42,929	36,790
100.000	DECKERS OUTDOOR CORP COMMON STOCK USD.01	8,821	8,896
400.000	DEERE + CO COMMON STOCK USD1.	33,587	32,328
1,200.000	DENBURY RESOURCES INC COMMON STOCK USD.001	23,934	19,140
2,000.000	DISCOVER FINANCIAL SERVICES COMMON STOCK USD 01	50,608	50,320
1,500.000	DISH NETWORK CORP A COMMON STOCK USD.01	42,386	37,290
10,200.000	DIRECTV CLASS A COMMON STOCK USD.01	380,805	448,494
4,650.000	DOLLAR TREE INC COMMON STOCK USD.01	246,151	332,103
4,600.000	DU PONT (E.I.) DE NEMOURS COMMON STOCK USD.3	219,765	222,042
1,300.000	DUN + BRADSTREET CORP COMMON STOCK USD.01	104,456	86,957
2,200.000	EMC CORP/MASS COMMON STOCK USD.01	56,023	49,698
1,300.000	EXCO RESOURCES INC COMMON STOCK USD.001	20,234	17,394
9,500.000	EBAY INC COMMON STOCK USD.001	305,356	293,265
1,900.000	EDWARDS LIFESCIENCES CORP COMMON STOCK USD1.	134,979	143,355
12,000.000	EL PASO CORP COMMON STOCK USD3.	230,025	229,680

Shares/Par	Description	Cost - Base	Market Value - Base
500.000	ENDO PHARMACEUT HLDGS INC COMMON STOCK USD.01	20,151	15,955
1,600.000	ERIE INDEMNITY COMPANY CL A COMMON STOCK NPV	86,871	117,648
26,400.000	EXXON MOBIL CORP COMMON STOCK NPV	1,765,893	1,954,656
1,900.000	FLIR SYSTEMS INC COMMON STOCK USD.01	45,853	49,153
13,000.000	FMC TECHNOLOGIES INC COMMON STOCK USD.01	576,031	577,980
2,800.000	FACTSET RESEARCH SYSTEMS INC COMMON STOCK USD.01	248,698	246,120
1,600.000	FAMILY DOLLAR STORES COMMON STOCK USD.1	66,390	85,424
900.000	FEDERATED INVESTORS INC CL B COMMON STOCK NPV	23,838	15,939
900.000	F5 NETWORKS INC COMMON STOCK NPV	67,309	73,458
800.000	FISERV INC COMMON STOCK USD.01	49,792	44,664
200.000	FLUOR CORP COMMON STOCK USD.01	13,221	12,144
4,500.000	FLOWERS FOODS INC COMMON STOCK USD.01	91,116	85,725
7,300.000	FORD MOTOR CO COMMON STOCK USD.01	80,869	81,176
1,500.000	FORTINET INC COMMON STOCK USD.001	35,846	28,695
4,300.000	FOSSIL INC COMMON STOCK USD.01	361,923	415,423
6,700.000	FREEPORT MCMORAN COPPER COMMON STOCK USD.1	352,476	315,838
700.000	GARDNER DENVER INC COMMON STOCK USD.01	50,157	55,153
4,900.000	GARTNER INC COMMON STOCK USD 0005	159,859	174,538
3,900.000	GEN PROBE INC COMMON STOCK USD.0001	274,179	233,883
600.000	GENERAL MILLS INC COMMON STOCK USD.1	21,898	22,746
100.000	GENUINE PARTS CO COMMON STOCK USD1.	5,438	5,502
5,600.000	GLOBAL PAYMENTS INC COMMON STOCK NPV	285,787	256,648
400.000	WR GRACE + CO COMMON STOCK USD.01	18,268	15,768
3,500.000	GRACO INC COMMON STOCK USD1.	167,462	138,180
100.000	WW GRAINGER INC COMMON STOCK USD.5	12,266	15,410
600.000	HCA HOLDINGS INC COMMON STOCK USD.01	19,924	12,018
10,600.000	HALLIBURTON CO COMMON STOCK USD2.5	470,454	470,322
100.000	HANSEN NATURAL CORP COMMON STOCK USD 005	8,494	8,532
400.000	HARLEY DAVIDSON INC COMMON STOCK USD.01	14,572	15,464
300.000	HARSCO CORP COMMON STOCK USD1 25	8,716	6,858
5,300.000	HJ HEINZ CO COMMON STOCK USD.25	241,647	278,992
700.000	HELMERICH + PAYNE COMMON STOCK USD.1	46,270	39,914
14,700.000	HERTZ GLOBAL HOLDINGS INC COMMON STOCK USD.01	202,220	164,640
4,677.320	HOLLYFRONTIER CORP COMMON STOCK USD.01	298,605	335,644
1,500.000	HOME DEPOT INC COMMON STOCK USD.05	53,576	50,070
2,000.000	HONEYWELL INTERNATIONAL INC COMMON STOCK USD1.	105,263	95,620
2,100.000	HORMEL FOODS CORP COMMON STOCK USD.0586	62,265	57,981
1,300.000	HUNT (JB) TRANSPRT SVCS INC COMMON STOCK USD 01	56,585	52,247
600.000	IPG PHOTONICS CORP COMMON STOCK USD.0001	37,820	34,788
200.000	ITT EDUCATIONAL SERVICES INC COMMON STOCK USD 01	15,970	14,432
500.000	IDEXX LABORATORIES INC COMMON STOCK USD.1	38,319	39,890
3,400.000	IHS INC CLASS A COMMON STOCK USD.01	271,132	263,806
100.000	ILLINOIS TOOL WORKS COMMON STOCK USD.01	5,624	4,654
10,900.000	ILLUMINA INC COMMON STOCK USD 01	701,978	567,890
3,400.000	INFORMATICA CORP COMMON STOCK USD.001	153,160	142,052
4,200.000	INTL BUSINESS MACHINES CORP COMMON STOCK USD.2	450,625	722,022
1,000.000	INTL FLAVORS + FRAGRANCES COMMON STOCK USD.125	60,058	58,020
300.000	INTREPID POTASH INC COMMON STOCK USD.001	9,756	10,266
10,300.000	IRON MOUNTAIN INC COMMON STOCK USD.01	346,619	335,162
2,900.000	ITC HOLDINGS CORP COMMON STOCK NPV	168,885	219,414
1,800.000	JDS UNIPHASE CORP COMMON STOCK USD.001	32,427	23,346
200.000	JOHNSON CONTROLS INC COMMON STOCK USD.01388	7,748	6,376
200.000	KLA TENCOR CORPORATION COMMON STOCK USD.001	8,194	7,336
2,200.000	KELLOGG CO COMMON STOCK USD 25	121,840	119,504

Shares/Par	Description	Cost - Base	Market Value - Base
100.000	KIMBERLY CLARK CORP COMMON STOCK USD1.25	6,708	6,916
900.000	KINDER MORGAN INC COMMON STOCK USD 01	25,758	23,265
2,200.000	KINETIC CONCEPTS INC COMMON STOCK USD.001	143,164	148,588
5,100.000	KROGER CO COMMON STOCK USD1.	124,328	120,156
1,400.000	LSI CORP COMMON STOCK USD.01	10,062	9,534
5,200.000	LABORATORY CRP OF AMER HLDGS COMMON STOCK USD 1	481,273	434,356
600.000	LANDSTAR SYSTEM INC COMMON STOCK USD.01	23,903	24,294
2,000 000	ESTEE LAUDER COMPANIES CL A COMMON STOCK USD 01	119,542	195,320
1,300.000	LIBERTY GLOBAL INC A COMMON STOCK USD.01	58,458	52,507
1,000.000	LIMITED BRANDS INC COMMON STOCK USD.5	32,058	37,740
4,400.000	LINCARE HOLDINGS INC COMMON STOCK USD.01	123,194	94,732
1,800.000	LOCKHEED MARTIN CORP COMMON STOCK USD1.	136,932	133,542
3,600.000	MASCO CORP COMMON STOCK USD1.	44,587	31,932
200 000	MASTERCARD INC CLASS A COMMON STOCK USD 0001	65,687	65,942
5,100.000	MCCORMICK + CO NON VTG SHRS COMMON STOCK NPV	200,865	243,729
9,700.000	MCDONALD S CORP COMMON STOCK USD.01	687,419	877,462
7,200.000	MCGRAW HILL COMPANIES INC COMMON STOCK USD1.	277,527	303,192
1,700 000	MCKESSON CORP COMMON STOCK USD.01	138,067	135,881
1,900.000	MEDNAX INC COMMON STOCK USD.01	129,993	124,089
2,600.000	MEDTRONIC INC COMMON STOCK USD 1	92,200	91,182
6,000.000	METROPCS COMMUNICATIONS INC COMMON STOCK USD.0001	78,004	66,960
500 000	METTLER TOLEDO INTERNATIONAL COMMON STOCK USD.01	75,161	79,635
7,000.000	MICROSOFT CORP COMMON STOCK USD.00000625	181,560	186,200
1,900.000	MOLYCORP INC COMMON STOCK	107,667	107,388
100.000	MONSANTO CO COMMON STOCK USD.01	6,714	6,893
6,700.000	MOODY S CORP COMMON STOCK USD.01	222,411	206,561
5,800.000	MOSAIC CO/THE COMMON STOCK USD.01	456,270	412,554
2,100 000	MYLAN INC COMMON STOCK USD.5	48,831	43,596
600.000	NCR CORPORATION COMMON STOCK USD.01	11,027	10,338
100.000	NATIONAL FUEL GAS CO COMMON STOCK USD1.	7,303	6,135
1,500.000	NETFLIX INC COMMON STOCK USD.001	238,862	352,515
400 000	NEWFIELD EXPLORATION CO COMMON STOCK USD.01	27,526	20,420
100.000	NOBLE ENERGY INC COMMON STOCK USD3.333	8,976	8,836
200.000	NORDSON CORP COMMON STOCK NPV	11,034	8,780
13,500.000	NVIDIA CORP COMMON STOCK USD.001	244,601	179,685
200.000	O REILLY AUTOMOTIVE INC COMMON STOCK USD.01	10,575	12,976
200.000	OCEANEERING INTL INC COMMON STOCK USD.25	8,112	8,538
200.000	OIL STATES INTERNATIONAL INC COMMON STOCK USD.01	14,892	13,216
200.000	OMNICOM GROUP COMMON STOCK USD.15	9,287	8,110
27,600.000	ON SEMICONDUCTOR CORPORATION COMMON STOCK USD 01	269,094	200,652
400.000	ONEOK INC COMMON STOCK USD.01	28,438	28,360
200.000	PPG INDUSTRIES INC COMMON STOCK USD1.67	15,495	15,318
200.000	PACKAGING CORP OF AMERICA COMMON STOCK USD.01	5,592	5,070
500.000	PANERA BREAD COMPANY CLASS A COMMON STOCK USD.0001	50,213	57,575
1,600.000	PARKER HANNIFIN CORP COMMON STOCK USD.5	141,773	117,488
700.000	PATTERSON UTI ENERGY INC COMMON STOCK USD.01	20,797	17,108
17,400.000	PAYCHEX INC COMMON STOCK USD.01	542,218	469,452
800 000	PEABODY ENERGY CORP COMMON STOCK USD.01	47,185	39,040
1,400.000	PHARMASSET INC COMMON STOCK USD.001	157,771	183,848
800.000	PIONEER NATURAL RESOURCES CO COMMON STOCK USD 01	72,061	62,536
200.000	POLARIS INDUSTRIES INC COMMON STOCK USD.01	22,406	21,974
7,300.000	POLYCOM INC COMMON STOCK USD.0005	202,087	173,740
200.000	POLYPORE INTERNATIONAL INC COMMON STOCK USD.01	13,592	12,334
200.000	T ROWE PRICE GROUP INC COMMON STOCK USD.2	11,602	10,696

990-PF for 2010

Fiscal Year Ended 8/31/2011

Part II Line 10b column (b) and (c)

Shares/Par	Description	Cost - Base	Market Value - Base
1,000.000	PRICELINE.COM INC COMMON STOCK USD.008	406,703	537,260
600.000	PROCTER + GAMBLE CO/THE COMMON STOCK USD1	37,328	38,208
900.000	QEP RESOURCES INC COMMON STOCK USD.01	37,799	31,689
2,100.000	QUALCOMM INC COMMON STOCK USD 0001	116,797	108,066
300.000	QUEST DIAGNOSTICS INC COMMON STOCK USD.01	17,673	15,021
1,900.000	RACKSPACE HOSTING INC COMMON STOCK USD.001	75,343	69,464
300.000	RANGE RESOURCES CORP COMMON STOCK USD.01	18,162	19,428
700.000	REGENERON PHARMACEUTICALS COMMON STOCK USD.001	39,408	41,321
600.000	RIVERBED TECHNOLOGY INC COMMON STOCK USD.0001	23,821	14,868
300.000	ROCK TENN COMPANY CL A COMMON STOCK USD.01	19,913	16,101
4,300.000	ROCKWELL AUTOMATION INC COMMON STOCK USD1.	286,258	275,759
200.000	ROCKWOOD HOLDINGS INC COMMON STOCK USD.01	10,980	10,200
2,100.000	ROPER INDUSTRIES INC COMMON STOCK USD.01	162,835	161,595
4,300.000	ROSS STORES INC COMMON STOCK USD.01	309,247	329,058
3,300.000	ROVI CORP COMMON STOCK USD.001	175,208	161,337
300.000	ROYAL GOLD INC COMMON STOCK USD.01	20,665	23,004
3,000.000	SM ENERGY CO COMMON STOCK USD.01	202,740	229,500
600.000	SXC HEALTH SOLUTIONS CORP COMMON STOCK NPV	33,802	32,814
1,900.000	ST JUDE MEDICAL INC COMMON STOCK USD.1	86,335	86,526
600.000	SALLY BEAUTY HOLDINGS INC COMMON STOCK USD 01	10,256	10,140
24,500.000	SANDRIDGE ENERGY INC COMMON STOCK USD.001	230,778	179,830
18,900.000	SARA LEE CORP COMMON STOCK USD.01	302,641	340,956
1,100.000	HENRY SCHEIN INC COMMON STOCK USD.01	73,464	72,501
1,100.000	SCHLUMBERGER LTD COMMON STOCK USD 01	94,271	85,932
400.000	SCOTT'S MIRACLE GRO CO CL A COMMON STOCK USD.01	20,535	19,424
1,900.000	SHERWIN WILLIAMS CO/THE COMMON STOCK USD1.	159,277	143,906
300.000	SILGAN HOLDINGS INC COMMON STOCK USD.01	12,333	11,379
900.000	SIRONA DENTAL SYSTEMS INC COMMON STOCK USD.01	45,299	41,994
9,500.000	SKYWORKS SOLUTIONS INC COMMON STOCK USD.25	247,632	195,985
1,500.000	SOLERA HOLDINGS INC COMMON STOCK USD 01	78,375	87,975
800.000	SOLUTIA INC COMMON STOCK USD.01	18,225	13,904
800.000	SOUTHERN COPPER CORP COMMON STOCK USD.01	33,354	27,016
900.000	SPIRIT AEROSYSTEMS HOLD CL A COMMON STOCK USD.01	19,073	15,102
1,100.000	STEEL DYNAMICS INC COMMON STOCK USD.005	17,939	14,003
5,400.000	STERICYCLE INC COMMON STOCK USD.01	447,166	473,634
2,000.000	STRYKER CORP COMMON STOCK USD.1	118,420	97,680
2,700.000	TD AMERITRADE HOLDING CORP COMMON STOCK USD.01	46,336	41,526
2,000.000	TECHNE CORP COMMON STOCK USD.01	157,909	144,940
4,100.000	TEMPUR PEDIC INTERNATIONAL COMMON STOCK USD.01	257,679	238,784
3,000.000	TERADATA CORP COMMON STOCK USD 01	152,538	157,080
28,700.000	TEXAS INSTRUMENTS INC COMMON STOCK USD1.	989,887	752,227
3,000.000	TIBCO SOFTWARE INC COMMON STOCK USD.001	75,045	67,140
1,000.000	TIFFANY + CO COMMON STOCK USD.01	63,009	71,960
4,700.000	TIME WARNER CABLE COMMON STOCK USD.01	344,068	307,850
400.000	TOWERS WATSON + CO CL A COMMON STOCK USD.01	23,877	23,596
4,400.000	TRACTOR SUPPLY COMPANY COMMON STOCK USD 008	180,350	270,028
3,500.000	TRANSDIGM GROUP INC COMMON STOCK USD.01	244,640	321,510
2,200.000	ULTA SALON COSMETICS + FRAGR COMMON STOCK USD.01	129,407	129,976
300.000	UNDER ARMOUR INC CLASS A COMMON STOCK USD.000333	23,325	21,258
2,300.000	UNITED THERAPEUTICS CORP COMMON STOCK USD.01	140,377	99,245
1,600.000	VARIAN SEMICONDUCTOR EQUIP COMMON STOCK USD.01	98,092	98,056
4,700.000	VARIAN MEDICAL SYSTEMS INC COMMON STOCK USD1.	264,964	267,712
3,700.000	VERIFONE SYSTEMS INC COMMON STOCK USD.01	151,458	130,314
1,100.000	VERISIGN INC COMMON STOCK USD 001	36,829	34,265

Shares/Par	Description	Cost - Base	Market Value - Base
3,300.000	VERIZON COMMUNICATIONS INC COMMON STOCK USD.1	122,511	119,361
3,100.000	VERISK ANALYTICS INC CLASS A COMMON STOCK USD.001	104,640	108,004
3,800.000	VERTEX PHARMACEUTICALS INC COMMON STOCK USD.01	181,622	172,026
4,000.000	VIACOM INC CLASS B COMMON STOCK USD.001	186,888	192,960
2,800.000	VIRGIN MEDIA INC COMMON STOCK USD.01	83,082	71,008
16,400.000	WALGREEN CO COMMON STOCK USD.078125	682,545	577,444
200.000	WALTER ENERGY INC COMMON STOCK USD.01	23,673	16,348
850.000	WASTE CONNECTIONS INC COMMON STOCK USD.01	25,193	29,402
2,400.000	WATSON PHARMACEUTICALS INC COMMON STOCK USD.0033	160,449	161,088
2,400.000	WEIGHT WATCHERS INTL INC COMMON STOCK NPV	165,027	145,248
800.000	WELLS FARGO + CO COMMON STOCK USD1.666	22,538	20,880
900.000	WESCO INTERNATIONAL INC COMMON STOCK USD.01	49,963	38,781
9,000.000	WESTERN UNION CO COMMON STOCK USD.01	180,082	148,680
1,400.000	WHOLE FOODS MARKET INC COMMON STOCK NPV	85,290	92,442
2,600.000	WILEY (JOHN) + SONS CLASS A COMMON STOCK USD1.	130,977	126,854
1,200.000	WYNN RESORTS LTD COMMON STOCK USD.01	104,186	185,664
500.000	XILINX INC COMMON STOCK USD.01	15,179	15,570
5,500.000	YUM BRANDS INC COMMON STOCK NPV	269,213	299,035
400.000	ACCENTURE PLC CL A COMMON STOCK USD.0022.5	22,058	21,436
200.000	BUNGE LTD COMMON STOCK USD.01	13,807	12,942
4,500.000	COOPER INDUSTRIES PLC COMMON STOCK USD.01	258,184	213,210
4,200.000	COVIDIEN PLC COMMON STOCK USD 2	223,007	219,156
7,400.000	HERBALIFE LTD COMMON STOCK USD.002	247,037	412,920
2,100.000	INGERSOLL RAND PLC COMMON STOCK USD1	93,229	70,371
2,500.000	UTI WORLDWIDE INC COMMON STOCK NPV	50,317	33,863
300.000	VALIDUS HOLDINGS LTD COMMON STOCK USD 175	9,096	7,746
100.000	WARNER CHILCOTT PLC CLASS A COMMON STOCK USD 01	2,312	1,706
1,000.000	LYONDELLBASELL INDU CL A COMMON STOCK	36,121	34,650
1,400.000	VISTAPRINT NV COMMON STOCK USD.001	65,748	41,202
1,000.000	AVAGO TECHNOLOGIES LTD COMMON STOCK	34,816	33,110
3,300.000	LAZARD LTD CL A LTD PART USD.01	124,806	96,261
700.000	BOSTON PROPERTIES INC REIT USD.01	74,398	73,003
1,900.000	CAMDEN PROPERTY TRUST REIT USD.01	125,297	126,958
600.000	EQUITY RESIDENTIAL REIT USD 01	35,533	36,708
200.000	ESSEX PROPERTY TRUST INC REIT USD.0001	26,652	28,710
100.000	MACERICH CO/THE REIT USD.01	5,354	4,904
1,300.000	PLUM CREEK TIMBER CO REIT USD.01	51,647	49,361
200.000	PUBLIC STORAGE REIT USD.1	23,974	24,746
2,400.000	RAYONIER INC REIT NPV	97,574	100,656
6,800.000	WEYERHAEUSER CO REIT USD1 25	134,507	122,604
8,123.000	CANADIAN NATL RAILWAY CO COMMON STOCK NPV	467,403	599,477
9,421.000	SUNCOR ENERGY INC COMMON STOCK NPV	307,398	300,530
8,227.000	TECK RESOURCES LTD CLS B COMMON STOCK NPV	284,580	364,703
112,069.000	SBERBANK COMMON STOCK RUB3.	398,177	333,405
14,537.000	AMERICA MOVIL ADR SERIES L ADR	366,760	371,566
24,025.000	CEMIG SA SPONS ADR ADR	212,421	454,553
14,987.000	EVRAZ GROUP SA GDR REG S GDR	428,930	359,538
41,491.000	GAFISA SA ADR ADR NPV	535,657	390,845
29,349.000	GAZPROM OAO SPON ADR ADR	455,422	356,590
8,426.000	ICICI BANK LTD SPON ADR ADR	398,323	331,647
1,265.000	INFOSYS LTD SP ADR ADR	64,075	65,299
16,111.000	MMC NORILSK NICKEL JSC ADR ADR	261,184	404,547
7,962.000	KB FINANCIAL GROUP INC ADR ADR	480,580	328,671
9,536.000	LUKOIL OAO SPON ADR ADR RUB 025	589,959	569,299

Shares/Par	Description	Cost - Base	Market Value - Base
12,002.000	PETROLEO BRASILEIRO SPON ADR ADR	545,677	319,853
1,123 000	SAMSUNG ELECTR GDR 144A GDR	257,861	394,173
8,604.000	SAP AG SPONSORED ADR ADR	392,664	469,004
1,144.000	STERLITE INDUSTRIES INDI ADR ADR	18,886	13,259
32,297.000	TAIWAN SEMICONDUCTOR SP ADR ADR	225,739	386,595
22,349.000	VALE SA SP PREF ADR ADR NPV	333,523	577,275
15,988.000	ARCELORMITTAL NY REGISTERED NY REG SHRS NPV	535,372	351,256
9,728 000	BANK OF NOVA SCOTIA COMMON STOCK NPV	501,760	542,920
23,838.000	CAMECO CORP COMMON STOCK NPV	788,858	553,995
39,743 000	MANULIFE FINANCIAL CORP COMMON STOCK NPV	751,200	544,877
16,913.000	SUNCOR ENERGY INC COMMON STOCK NPV	408,087	539,525
30,997.000	CEMIG SA SPONS ADR ADR	495,506	586,463
37,651.000	GAZPROM OAO SPON ADR ADR	700,755	457,460
15,420.000	HDFC BANK LTD ADR ADR	132,408	514,411
10,971.000	HSBC HOLDINGS PLC SPONS ADR ADR	566,834	477,897
84,983 000	HON HAI PRECISION GDR REG S GDR	583,722	433,413
24,363.000	ITAU UNIBANCO HLDNG PREF ADR ADR NPV	346,306	442,432
15,840 000	NEW ORIENTAL EDUCATIO SP ADR ADR USD.01	317,623	483,120
1,911.000	SAMSUNG ELECTR GDR 144A GDR	512,396	670,761
7,255.000	QUIMICA Y MINERA CHIL SP ADR ADR USD1	283,926	466,351
11,187.000	TEVA PHARMACEUTICAL SP ADR ADR	419,754	462,694
14,809.000	WALMART DE MEXICO SPON ADR V ADR	200,647	396,141
23,600.000	AT+T INC COMMON STOCK USD1.	636,494	672,128
4,800.000	ABBOTT LABORATORIES COMMON STOCK NPV	231,337	252,048
10,100.000	AETNA INC COMMON STOCK USD.01	327,653	404,303
19,100 000	ALLSTATE CORP COMMON STOCK USD.01	712,792	500,993
9,500.000	AMERICAN ELECTRIC POWER COMMON STOCK USD6.5	312,997	366,985
15,150.000	AMERICAN FINANCIAL GROUP INC COMMON STOCK NPV	272,724	504,192
9,700.000	AMERICAN GREETINGS CORP CL A COMMON STOCK USD1.	163,635	205,834
6,100.000	AMERIPRISE FINANCIAL INC COMMON STOCK USD.01	227,542	278,770
7,300.000	AMGEN INC COMMON STOCK USD.0001	384,821	404,457
15,500.000	ARCHER DANIELS MIDLAND CO COMMON STOCK NPV	388,998	441,440
5,600.000	ASHLAND INC COMMON STOCK USD.01	226,982	296,856
6,600.000	ASSURANT INC COMMON STOCK USD 01	254,050	232,122
8,300.000	AUTOLIV INC COMMON STOCK USD1.	332,503	463,306
62,300 000	BANK OF AMERICA CORP COMMON STOCK USD.01	1,868,956	508,991
3,000.000	BAXTER INTERNATIONAL INC COMMON STOCK USD1.	124,564	167,940
7,200.000	CIGNA CORP COMMON STOCK USD.25	200,533	336,528
10,400.000	CVS CAREMARK CORP COMMON STOCK USD.01	320,147	373,464
6,100.000	CAPITAL ONE FINANCIAL CORP COMMON STOCK USD.01	274,787	280,905
6,100.000	CAREER EDUCATION CORP COMMON STOCK USD.01	162,251	103,517
5,800 000	CHESAPEAKE ENERGY CORP COMMON STOCK USD.01	150,058	187,862
16,600.000	CHEVRON CORP COMMON STOCK USD.75	600,642	1,641,906
11,500.000	CHUBB CORP COMMON STOCK USD1.	583,753	711,735
15,200.000	CISCO SYSTEMS INC COMMON STOCK USD.001	257,608	238,336
17,690 000	CITIGROUP INC COMMON STOCK USD.01	2,185,291	549,275
9,800.000	COMPUTER SCIENCES CORP COMMON STOCK USD1.	358,725	300,468
12,200 000	CONAGRA FOODS INC COMMON STOCK USD5	264,443	297,924
14,800.000	CONOCOPHILLIPS COMMON STOCK USD.01	490,635	1,007,436
8,300.000	CONSTELLATION ENERGY GROUP COMMON STOCK NPV	244,125	319,467
5,100.000	CORN PRODUCTS INTL INC COMMON STOCK USD.01	251,355	238,476
13,400.000	CORNING INC COMMON STOCK USD.5	228,367	201,402
11,300.000	COVENTRY HEALTH CARE INC COMMON STOCK USD.01	266,257	371,544
3,800.000	CRANE CO COMMON STOCK USD1.	108,052	160,550

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Part II Line 10b column (b) and (c)

Shares/Par	Description	Cost - Base	Market Value - Base
6,100.000	DISCOVER FINANCIAL SERVICES COMMON STOCK USD.01	153,176	153,476
10,600.000	RR DONNELLEY + SONS CO COMMON STOCK USD1 25	235,349	161,650
4,700.000	EASTMAN CHEMICAL CO COMMON STOCK USD.01	254,879	388,831
7,300.000	EL PASO ELECTRIC CO COMMON STOCK NPV	125,562	252,507
6,000.000	ENDO PHARMACEUT HLDGS INC COMMON STOCK USD.01	128,177	191,460
9,800.000	EXXON MOBIL CORP COMMON STOCK NPV	506,174	725,592
15,900.000	FORD MOTOR CO COMMON STOCK USD.01	266,133	176,808
3,600.000	FOREST LABORATORIES INC COMMON STOCK USD 1	136,506	123,264
4,800.000	GANNETT CO COMMON STOCK USD1.	271,866	55,440
12,600.000	GAP INC/THE COMMON STOCK USD 05	144,740	208,152
12,795.000	GENON ENERGY INC COMMON STOCK USD.001	69,582	38,897
8,000.000	GILEAD SCIENCES INC COMMON STOCK USD 001	324,996	319,080
3,500.000	GOLDMAN SACHS GROUP INC COMMON STOCK USD.01	389,098	406,770
7,900.000	HARRIS CORP COMMON STOCK USD1	272,402	318,765
7,000.000	HEWLETT PACKARD CO COMMON STOCK USD.01	192,639	182,210
11,700.000	HUNTINGTON BANCSHARES INC COMMON STOCK USD 01	129,865	58,851
1,916.000	HUNTINGTON INGALLS INDUSTRIE COMMON STOCK USD.01	57,371	57,365
10,500.000	HUNTSMAN CORP COMMON STOCK USD.01	169,233	137,655
30,900.000	INTEL CORP COMMON STOCK USD.001	723,037	622,017
29,100.000	JPMORGAN CHASE + CO COMMON STOCK USD1	934,702	1,092,996
7,700.000	KEYCORP COMMON STOCK USD1.	285,341	51,128
10,700.000	KROGER CO COMMON STOCK USD1	211,596	252,092
4,700.000	L 3 COMMUNICATIONS HOLDINGS COMMON STOCK USD.01	360,219	318,754
2,100.000	LEAR CORP COMMON STOCK USD.01	99,784	100,338
7,300.000	LIFEPOINT HOSPITALS INC COMMON STOCK USD.01	160,182	267,910
15,000.000	ELI LILLY + CO COMMON STOCK NPV	772,254	562,650
2,800.000	LOCKHEED MARTIN CORP COMMON STOCK USD1.	176,857	207,732
5,100.000	MGIC INVESTMENT CORP COMMON STOCK USD1.	334,214	13,260
17,100.000	MARATHON OIL CORP COMMON STOCK USD1.	138,961	460,332
8,550.000	MARATHON PETROLEUM CORP COMMON STOCK	86,016	316,863
12,000.000	MEDTRONIC INC COMMON STOCK USD.1	441,267	420,840
28,700.000	MERCK + CO INC. COMMON STOCK USD.5	866,416	950,544
5,200.000	METLIFE INC COMMON STOCK USD.01	139,493	174,720
27,300.000	MICRON TECHNOLOGY INC COMMON STOCK USD.1	255,974	161,343
14,000.000	MORGAN STANLEY COMMON STOCK USD.01	568,284	245,000
11,500.000	NORTHROP GRUMMAN CORP COMMON STOCK USD1.	560,447	628,130
6,200.000	PNC FINANCIAL SERVICES GROUP COMMON STOCK USD5.	698,026	310,868
76,600.000	PFIZER INC COMMON STOCK USD.05	1,912,465	1,453,868
10,600.000	PRUDENTIAL FINANCIAL INC COMMON STOCK USD.01	560,128	532,226
7,600.000	PUBLIC SERVICE ENTERPRISE GP COMMON STOCK NPV	243,779	259,388
10,100.000	RADIOSHACK CORP COMMON STOCK USD1.	120,411	131,401
4,500.000	RAYTHEON COMPANY COMMON STOCK USD 01	236,708	194,535
16,506.000	REGIONS FINANCIAL CORP COMMON STOCK USD.01	464,967	74,937
8,300.000	RYDER SYSTEM INC COMMON STOCK USD 5	214,252	390,764
17,000.000	SAIC INC COMMON STOCK USD.0001	274,170	255,000
17,500.000	SAFEWAY INC COMMON STOCK USD 01	392,944	320,775
3,200.000	SEMPRA ENERGY COMMON STOCK NPV	130,787	168,064
7,000.000	STANCORP FINANCIAL GROUP COMMON STOCK NPV	193,312	213,850
5,700.000	STATE STREET CORP COMMON STOCK USD1.	260,120	202,464
13,400.000	STEEL DYNAMICS INC COMMON STOCK USD.005	223,708	170,582
15,313.000	SUPERVALU INC COMMON STOCK USD1.	361,465	122,045
9,000.000	TARGET CORP COMMON STOCK USD.0833	459,829	465,030
12,900.000	TEXAS INSTRUMENTS INC COMMON STOCK USD1.	326,063	338,109
1,388.000	TIME WARNER CABLE COMMON STOCK USD.01	75,422	90,914

Shares/Par	Description	Cost - Base	Market Value - Base
10,800.000	TIMKEN CO COMMON STOCK NPV	195,663	424,980
10,300.000	TRAVELERS COS INC/THE COMMON STOCK NPV	449,981	519,738
13,200.000	TYSON FOODS INC CL A COMMON STOCK USD.1	237,195	230,604
5,200.000	UGI CORP COMMON STOCK NPV	132,891	154,752
20,100.000	VALERO ENERGY CORP COMMON STOCK USD.01	485,485	456,672
17,100.000	VISHAY INTERTECHNOLOGY INC COMMON STOCK USD.1	230,868	194,940
1,221.000	VISHAY PRECISION GROUP COMMON STOCK	26,855	18,315
3,700.000	WELLPOINT INC COMMON STOCK USD 01	145,179	234,210
31,200.000	WELLS FARGO + CO COMMON STOCK USD1.666	711,543	814,320
15,200.000	WESTERN DIGITAL CORP COMMON STOCK USD.01	171,295	448,248
5,600.000	WHIRLPOOL CORP COMMON STOCK USD1.	453,223	351,064
22,700.000	XEROX CORP COMMON STOCK USD1.	135,757	188,410
2,700.000	EVEREST RE GROUP LTD COMMON STOCK USD.01	278,743	217,890
21,400.000	SEAGATE TECHNOLOGY COMMON STOCK USD 00001	324,045	247,812
4,800.000	NOBLE CORP COMMON STOCK CHF3.8	201,766	162,048
14,100.000	TE CONNECTIVITY LTD COMMON STOCK CHF1 37	216,991	431,742
2,700.000	TRANSOCEAN LTD COMMON STOCK CHF15.	234,842	151,254
4,472.000	ANGLOGOLD ASHANTI SPON ADR ADR NPV	145,461	200,614
41,071.000	ITAU UNIBANCO HLDNG PREF ADR ADR NPV	727,856	745,849
35,032.000	TAIWAN SEMICONDUCTOR SP ADR ADR	456,617	419,333
628,203.488	PIMCO FDS PAC INVT MGMT SER INTL PORTFOLIO INSTL CL	2,735,622	3,015,377
-270,000.000	SWAP BANK OF AMERICA BOC SWAP CASH COLLATERAL USD	-270,000	0
575,067.307	RUSSELL 2000 GROWTH SL CTF	6,126,735	10,530,057
968,311.217	S + P 500 INDEX SL CTF	50,465,770	51,297,255
19,401.000	ACTUANT CORP A COMMON STOCK USD.2	348,961	389,572
24,678.000	ADTRAN INC COMMON STOCK USD.01	819,220	766,499
30,691.000	ADVENT SOFTWARE INC COMMON STOCK USD.01	820,369	711,724
29,991.000	ALIGN TECHNOLOGY INC COMMON STOCK USD.0001	540,693	572,828
31,300.000	ALKERMES INC COMMON STOCK USD.01	392,219	542,742
38,550.000	ALTRA HOLDINGS INC COMMON STOCK USD 001	605,829	598,296
40,794.000	ARCTIC CAT INC COMMON STOCK USD.01	623,024	639,650
23,203.000	ASCENA RETAIL GROUP INC COMMON STOCK USD.01	606,324	659,429
154,073.000	BROCADE COMMUNICATIONS SYS COMMON STOCK USD.001	720,197	596,263
63,698.000	CBIZ INC COMMON STOCK USD.01	434,061	433,783
14,921.000	CARRIZO OIL + GAS INC COMMON STOCK USD.01	555,892	447,928
8,874.000	CEPHEID INC COMMON STOCK NPV	300,484	321,771
8,436.000	CLEAN HARBORS INC COMMON STOCK USD.01	313,735	454,447
21,203.000	COMPLETE PRODUCTION SERVICES COMMON STOCK USD.01	651,493	616,159
22,863.000	COMSTOCK RESOURCES INC COMMON STOCK USD.5	662,005	465,262
22,351.000	CROCS INC COMMON STOCK USD.001	321,382	611,523
11,741.000	CUBIST PHARMACEUTICALS INC COMMON STOCK USD.001	417,920	407,295
9,661.000	DRIL QUIP INC COMMON STOCK USD 01	625,852	625,067
23,893.000	ENDOCYTE INC COMMON STOCK	293,038	261,867
19,438.000	EVERCORE PARTNERS INC CL A COMMON STOCK USD.01	638,301	509,859
22,767.000	EZCORP INC CL A COMMON STOCK USD.01	741,693	763,833
30,293.000	FINISAR CORPORATION COMMON STOCK USD 001	667,690	559,209
11,417.000	HAEMONETICS CORP/MASS COMMON STOCK USD.01	632,672	713,677
39,002.000	HALOZYME THERAPEUTICS INC COMMON STOCK USD.001	262,530	265,214
48,474.000	HEALTHSOUTH CORP COMMON STOCK USD.01	926,662	1,036,859
12,129.000	HIBBETT SPORTS INC COMMON STOCK USD.01	357,985	454,352
31,290.000	HOME BANCSHARES INC COMMON STOCK USD.01	717,584	734,689
51,322.000	HORSEHEAD HOLDING CORP COMMON STOCK USD 01	738,920	526,051
19,273.000	ICU MEDICAL INC COMMON STOCK USD.1	705,961	794,048
68,341.000	IXIA COMMON STOCK NPV	692,668	587,049

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Fiscal Year Ended 8/31/2011

Part II Line 10b column (b) and (c)

Shares/Par	Description	Cost - Base	Market Value - Base
37,937.000	IMPAX LABORATORIES INC COMMON STOCK USD.01	771,171	746,221
26,527.000	INCYTE CORP COMMON STOCK USD.001	477,006	426,289
40,440.000	INTERFACE INC CLASS A COMMON STOCK USD.1	414,879	609,835
3,385.000	INTERDIGITAL INC COMMON STOCK USD.01	261,308	238,304
31,011.000	INTL RECTIFIER CORP COMMON STOCK USD1.	809,630	706,741
17,980.000	KAYDON CORP COMMON STOCK USD.1	669,379	604,488
7,768.000	LUFKIN INDUSTRIES INC COMMON STOCK USD1.	501,086	483,403
41,882.000	MASTEC INC COMMON STOCK USD.1	553,749	929,780
23,273.000	MEN S WEARHOUSE INC/THE COMMON STOCK USD.01	605,973	672,822
15,597.000	MICROS SYSTEMS INC COMMON STOCK USD.0125	533,126	743,353
23,545.000	NATIONAL INSTRUMENTS CORP COMMON STOCK USD.01	476,187	598,749
14,644.000	NETLOGIC MICROSYSTEMS INC COMMON STOCK USD.01	551,581	439,613
24,519.000	OASIS PETROLEUM INC COMMON STOCK USD.01	453,112	652,205
14,925.000	OLD DOMINION FREIGHT LINE COMMON STOCK USD.1	370,368	479,391
7,146.000	ONYX PHARMACEUTICALS INC COMMON STOCK USD.001	252,871	243,178
37,616.000	ORBITAL SCIENCES CORP COMMON STOCK USD.01	558,734	588,314
74,035.000	PMC SIERRA INC COMMON STOCK USD.001	568,857	450,873
29,955.000	PSS WORLD MEDICAL INC COMMON STOCK USD 01	818,385	706,339
25,719.000	PENSKE AUTOMOTIVE GROUP INC COMMON STOCK USD.0001	438,288	469,115
70,502.000	PERFICIENT INC COMMON STOCK USD 001	628,856	620,418
33,087.000	PLANTRONICS INC COMMON STOCK USD.01	922,614	1,060,438
32,098.000	QLOGIC CORP COMMON STOCK USD.001	519,198	448,409
52,689.000	QUEST SOFTWARE INC COMMON STOCK NPV	1,062,017	907,831
126,793.000	RF MICRO DEVICES INC COMMON STOCK NPV	823,702	787,385
14,391.000	REGAL BELOIT CORP COMMON STOCK USD.01	863,701	846,047
20,303.000	SALIX PHARMACEUTICALS LTD COMMON STOCK USD 001	664,612	618,226
9,878.000	SEATTLE GENETICS INC COMMON STOCK USD.001	191,246	171,778
38,859.000	SEMTECH CORP COMMON STOCK USD.01	906,489	828,862
25,446.000	SOLARWINDS INC COMMON STOCK USD.001	455,086	630,297
25,575.000	SOLUTIA INC COMMON STOCK USD.01	553,883	444,494
21,948.000	STIFEL FINANCIAL CORP COMMON STOCK USD.15	733,391	660,196
108,381.000	TELLABS INC COMMON STOCK USD.01	414,778	442,194
51,183.000	TEXAS ROADHOUSE INC COMMON STOCK USD.001	690,029	731,917
44,289.000	THERMON GROUP HOLDINGS INC COMMON STOCK USD.001	516,543	690,023
17,879.000	THORATEC CORP COMMON STOCK NPV	535,067	612,535
51,513.000	TRUEBLUE INC COMMON STOCK NPV	731,991	723,758
22,583.000	VOCUS INC COMMON STOCK USD.01	477,153	486,212
12,803.000	WARNACO GROUP INC/THE COMMON STOCK USD.01	469,613	683,040
14,837.000	WESCO INTERNATIONAL INC COMMON STOCK USD.01	782,471	639,326
15,983.000	WOLVERINE WORLD WIDE INC COMMON STOCK USD1.	455,675	581,941
22,927.000	ZUMIEZ INC COMMON STOCK NPV	552,013	423,920
25,124.000	ENERGY XXI BERMUDA COMMON STOCK USD 005	777,292	673,574
29,111.000	TORNIER NV COMMON STOCK	563,057	680,906
9,074.000	HOLLIS EDEN PHARMACEUTICALS WT(EXP 02FEB07)	0	0
36,659.000	KUHLMAN COMPANY INC WTS EXP24JAN09	0	0
45,750.000	ADVANCED ENERGY INDUSTRIES COMMON STOCK USD 001	641,873	457,043
8,135.000	AMERCO COMMON STOCK USD.25	444,822	596,377
54,550.000	AMERICAN CAPITAL LTD COMMON STOCK USD.01	304,935	475,131
31,440.000	AMERISAFE INC COMMON STOCK USD.01	574,723	620,311
20,900.000	ANDERSONS INC/THE COMMON STOCK NPV	757,848	840,389
31,005.000	AVISTA CORP COMMON STOCK NPV	633,122	786,907
39,095.000	BLUE COAT SYSTEMS INC COMMON STOCK USD.0001	915,214	573,915
41,920.000	BRINKER INTERNATIONAL INC COMMON STOCK USD.1	670,720	946,554
151,105.000	CNO FINANCIAL GROUP INC COMMON STOCK USD 01	874,898	971,605

Shares/Par	Description	Cost - Base	Market Value - Base
36,995.000	CABELA S INC COMMON STOCK USD.01	616,707	867,533
69,730.000	CELESTICA INC COMMON STOCK NPV	612,927	585,035
19,230.000	CERADYNE INC COMMON STOCK USD.01	414,599	603,053
26,445.000	COGNEX CORP COMMON STOCK USD.002	505,364	846,240
23,350.000	CORPORATE EXECUTIVE BOARD CO COMMON STOCK USD.01	655,435	768,682
80,990.000	COTT CORPORATION COMMON STOCK NPV	534,525	642,251
58,205.000	DOLAN CO/THE COMMON STOCK USD.001	715,339	492,996
65,825.000	EAST WEST BANCORP INC COMMON STOCK USD 001	1,263,351	1,098,619
26,765.000	ECHOSTAR CORP A COMMON STOCK USD.001	572,503	651,728
14,370.000	FPIC INSURANCE GROUP INC COMMON STOCK USD.1	417,592	602,390
55,310.000	FOOT LOCKER INC COMMON STOCK USD.01	799,230	1,154,320
29,035.000	FREIGHTCAR AMERICA INC COMMON STOCK USD.01	753,749	531,631
92,680.000	GENWORTH FINANCIAL INC CL A COMMON STOCK USD.001	1,383,712	640,419
42,075.000	GLACIER BANCORP INC COMMON STOCK USD 01	660,157	484,283
37,360.000	CGI GROUP INC CLASS A COMMON STOCK NPV	599,254	758,408
33,500.000	HORNBECK OFFSHORE SERVICES COMMON STOCK USD 01	756,761	816,730
59,625.000	IMMUNOMEDICS INC COMMON STOCK USD.01	209,284	239,096
36,785.000	INSIGHT ENTERPRISES INC COMMON STOCK USD 01	541,475	692,294
60,925.000	JABIL CIRCUIT INC COMMON STOCK USD.001	845,030	1,026,586
20,000.000	KADANT INC COMMON STOCK USD 01	615,095	466,000
15,415.000	LACLEDE GROUP INC/THE COMMON STOCK USD1.	522,569	611,976
37,345.000	MKS INSTRUMENTS INC COMMON STOCK NPV	774,535	867,151
129,575.000	MCCLATCHY CO CLASS A COMMON STOCK USD.01	614,186	220,278
33,360.000	MEDCATH CORPORATION COMMON STOCK USD.01	293,568	463,704
37,385.000	MEDICIS PHARMACEUTICAL CL A COMMON STOCK USD.014	885,651	1,454,277
16,500.000	MEN S WEARHOUSE INC/THE COMMON STOCK USD 01	538,868	477,015
13,135.000	MOOG INC CLASS A COMMON STOCK USD1.	443,832	523,824
34,000.000	NEWPORT CORP COMMON STOCK USD.1167	583,488	439,960
49,460.000	NOVATEL WIRELESS INC COMMON STOCK USD.001	295,771	165,691
22,645.000	OCWEN FINANCIAL CORP COMMON STOCK USD.01	245,698	312,501
21,350.000	OLIN CORP COMMON STOCK USD1.	443,226	425,719
37,935.000	ORIENTAL FINANCIAL GROUP COMMON STOCK USD1.	504,536	419,561
228,000.000	POPULAR INC COMMON STOCK USD6.	665,897	474,240
12,285.000	PROASSURANCE CORP COMMON STOCK USD.01	734,994	891,400
39,590.000	RTI INTERNATIONAL METALS INC COMMON STOCK USD.01	1,041,217	1,054,678
4,195.000	RADIOSHACK CORP COMMON STOCK USD1	92,751	54,577
19,890.000	REGAL BELOIT CORP COMMON STOCK USD.01	1,182,909	1,169,333
34,405.000	REGIS CORP COMMON STOCK USD.05	603,120	508,162
67,430.000	RUBY TUESDAY INC COMMON STOCK USD.01	693,855	561,692
65,815.000	STEC INC COMMON STOCK USD 001	1,246,064	624,913
15,420.000	SAFETY INSURANCE GROUP INC COMMON STOCK USD.01	590,740	601,380
22,700.000	SNAP ON INC COMMON STOCK USD1.	993,125	1,201,057
77,550.000	SUSQUEHANNA BANCSHARES INC COMMON STOCK USD2.	690,195	520,361
36,135.000	SYKES ENTERPRISES INC COMMON STOCK USD.01	573,101	565,513
46,380.000	TEKELEC COMMON STOCK NPV	654,886	333,936
25,300.000	TESORO CORP COMMON STOCK USD 167	547,271	608,718
105,625.000	TUESDAY MORNING CORP COMMON STOCK USD.01	511,225	421,444
129,420.000	USEC INC COMMON STOCK USD 1	654,865	282,136
52,860.000	UMPQUA HOLDINGS CORP COMMON STOCK NPV	652,821	516,442
22,700.000	UNITED RENTALS INC COMMON STOCK USD.01	537,716	378,636
56,000.000	VIROPHARMA INC COMMON STOCK USD.002	660,738	1,109,360
36,100.000	WELLCARE HEALTH PLANS INC COMMON STOCK USD.01	1,193,274	1,654,463
23,070.000	WERNER ENTERPRISES INC COMMON STOCK USD.01	544,452	537,070
113,445.000	WESTERN REFINING INC COMMON STOCK USD 01	593,317	1,978,481

Shares/Par	Description	Cost - Base	Market Value - Base
134,000.000	ZALICUS INC COMMON STOCK USD.001	294,362	214,400
21,725.000	GLOBAL INDEMNITY PLC COMMON STOCK USD.0001	361,504	401,913
25,860.000	HELEN OF TROY LTD COMMON STOCK USD.1	635,122	776,317
78,740.000	CBL + ASSOCIATES PROPERTIES REIT USD.01	1,186,265	1,158,265
28,170.000	COMMONWEALTH REIT REIT USD.01	770,731	579,175
42,455.000	DOUGLAS EMMETT INC REIT USD 01	678,431	765,888
90,180.000	FIRST INDUSTRIAL REALTY TR REIT USD.01	558,214	851,299
TOTAL			266,163,075

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Part II Line 10c column (b) and (c)

Shares/Par	Description	Cost - Base	Market Value - Base
1,314,755.430	SLM STUDENT LOAN TRUST SLMA 2008 9 A	1,309,421	1,350,898
334,772.290	RESIDENTIAL ASSET MORTGAGE PRO RAMP 2004 RS9 MII1	334,772	243,488
300,000.000	COUNTRYWIDE ASSET BACKED CERTI CWL 2004 AB1 M1	300,000	174,497
237,594.040	ACE SECURITIES CORP. ACE 2003 OP1 M1	239,116	186,780
218,225.390	LONG BEACH MORTGAGE LOAN TRUST LBMLT 2006 4 2A3	206,223	68,293
200,000.000	OPTION ONE MORTGAGE LOAN TRUST OOMLT 2004 3 M2	200,000	158,182
200,000.000	NEW CENTURY HOME EQUITY LOAN T NCHET 2004 3 M2	200,000	142,298
201,623.270	SPECIALTY UNDERWRITING + RESID SURF 2005 AB2 A1C	183,099	178,416
180,000.000	COUNTRYWIDE ASSET BACKED CERTI CWL 2004 BC4 M1	180,000	116,563
159,810.020	NEW CENTURY HOME EQUITY LOAN T NCHET 2003 2 M2	160,909	107,296
159,457.140	CHASE FUNDING LOAN ACQUISITION CFLAT 2004 AQ1 M1	159,457	101,962
150,912.610	FIRST FRANKLIN MTG LOAN ASSET FFML 2005 FF10 A4	150,913	117,933
143,368.720	AMERIQUEST MORTGAGE SECURITIES AMSI 2003 2 M1	144,242	106,729
130,000.000	INDYMAC HOME EQUITY LOAN ASSET INHEL 2004 B M1	130,000	86,243
125,370.220	FIRST FRANKLIN MTG LOAN ASSET FFML 2005 FF2 M1	121,648	122,324
66,638.910	COUNTRYWIDE ASSET BACKED CERTI CWL 2004 10 MV1	66,639	65,298
60,231.970	BEAR STEARNS ASSET BACKED SECU BSABS 2007 HE2 1A1	60,232	57,793
52,602.710	RESIDENTIAL ASSET SECURITIES C RASC 2004 KS9 AII4	52,603	26,137
49,422.710	NOVASTAR HOME EQUITY LOAN NHEL 2007 1 A2A1	49,423	47,862
46,233.130	INDYMAC MANUFACTURED HOUSING C INDMH 1998 2 A4	45,119	46,158
32,100.900	STRUCTURED ASSET SECURITIES CO SASC 2006 BC4 A2	31,644	31,773
10,447.930	HOME EQUITY ASSET TRUST HEAT 2006 8 2A1	10,299	10,416
6,349.510	FHA PROJECT 42 INSURE PROJ MTG SERIES 4169	6,316	6,312
1,055.820	COUNTRYWIDE ASSET BACKED CERTI CWL 2004 1 3A	1,055	816
400,000.000	CITIBANK OMNI MASTER TRUST COMNI 2009 A8 A8 144A	405,547	403,995
300,000.000	CITIBANK CREDIT CARD ISSUANCE CCCIT 2009 A2 A2	307,816	303,112
300,000.000	BANK OF AMERICA CREDIT CARD TR BACCT 2010 A1 A1	300,000	300,737
150,000.000	CAPITAL ONE MULTI ASSET EXECUT COMET 2007 A8 A8	149,859	150,224
2,000,000.000	BARCLAYS BK PLC SUB NT 144A	1,993,601	1,979,720
1,700,000.000	BANK OF AMERICA CORP SR GLOBAL NT	1,696,175	1,742,585
1,300,000.000	DEXIA CREDIT LOCAL 01/14 FIXED 2.75	1,295,931	1,311,115
1,200,000.000	ROYAL BK OF SCOTLAND PLC 3/16 FIXED 4 375	1,197,660	1,184,124
1,200,000.000	DEUTSCHE BK AG LONDON USD SR NT	1,193,940	1,354,932
1,000,000.000	AMERICAN INTL GROUP 08/18 FIXED 8.25	949,750	1,127,980
900,000.000	RABOBANK NEDERLAND 1/21 FIXED 4.5	897,561	965,250
900,000.000	LEHMAN BROS HLDGS INC TRANCHE TR00048	895,896	228,375
900,000.000	JPMORGAN CHASE + CO 10/20 FIXED 4.25	895,590	919,071
900,000.000	GERDAU SA 01/21 FIXED 5 75	891,459	900,000
800,000.000	MORGAN STANLEY 04/13 VAR	800,000	779,056
800,000.000	BANCO SANTANDER BRAZ CI 03/14 FRN SER 144A	800,000	774,552
800,000.000	LLOYDS TSB BANK PLC 01/15 FIXED 4.375	799,968	788,264
800,000.000	MERRILL LYNCH + CO INC TRANCHE + TR 00645	799,457	819,768
800,000.000	AMERICAN EXPRESS BK FSB TRANCHE TR 00061	798,136	849,200
800,000.000	NORDEA BANK AB 01/21 FIXED 4.875	796,184	849,648
700,000.000	GAZPROM O A O LN PARTN NT SER 17 144A	700,000	834,750
800,000.000	LEXMARK INTL INC	676,000	852,296
600,000.000	ING BANK NV 03/14 FIXED 3.9	598,614	645,498
600,000.000	ROHM + HAAS CO NT	512,982	684,234
500,000.000	UBS AG STAMFORD CT 02/12 FLT	500,000	502,215
500,000.000	GOLDMAN SACHS GROUP INC 01/18 FIXED 5.95	499,290	532,035
500,000.000	GOLDMAN SACHS GROUP INC SR NT	499,115	539,945
500,000.000	CITIGROUP INC GLOBAL SR NT	497,670	531,905
400,000.000	STONE STREET TRUST 12/15 FIXED 5.902	416,250	414,640
400,000.000	VALEANT PHARMACEUTICALS 08/21 FIXED 6 75	400,000	352,000

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Fiscal Year Ended 8/31/2011

Part II Line 10c column (b) and (c)

Shares/Par	Description	Cost - Base	Market Value - Base
400,000.000	BNP PARIBAS SUB NT NON CUMULAT TIER 1 144A	400,000	328,200
400,000.000	UBS AG STAMFORD CT TRANCHE SR 00108	399,520	427,704
400,000.000	HSBC HOLDINGS PLC SUB NT	382,378	399,344
500,000.000	WACHOVIA BK NATL ASSN MTN SUB TRANCHE SB 00006 VAR DTD 09MAR	364,500	462,765
400,000.000	GENERAL MTRS ACCEP CORP NT	362,769	384,772
300,000.000	LEHMAN BROS HLDGS ING TRANCHE TR00124	299,007	76,875
300,000.000	AMER INTL GRP FR MTN 19JUL13 EUR50000	226,233	409,911
225,000.000	JPMORGAN CHASE AND CO 03/16 FIXED 3.45	224,537	231,863
220,000.000	GMAC LLC 12/12 FIXED 2.2	219,650	225,401
200,000.000	PETROBRAS INTL FIN CO GTD GLOBAL NT	213,924	243,200
200,000.000	CREDIT SUISSE GUERNSEY 05/16 FIXED 2.60	199,896	205,584
200,000.000	GOLDMAN SACHS GROUP INC 02/16 FIXED 3.625	199,745	200,174
200,000.000	BANK AMER FDG CORP MED TERM NTS SER L	188,421	204,090
200,000.000	CITIGROUP INC GLOBAL SR NT	178,012	219,084
200,000.000	MORGAN STANLEY GROUP INC GLOBAL MEDIUM TERM NT SER F	171,150	214,302
155,000 000	US CENTRAL FEDERAL CRED 10/12 FIXED 1.9	154,901	157,899
130,000.000	GENERAL ELEC CAP CORP 08/19 FIXED 6	144,228	146,273
200,000 000	GOLDMAN SACHS GROUP INC NT FLTG RATE	137,900	180,302
140,000.000	VERIZON NEW JERSEY INC DEB SER A	129,662	142,597
120,000 000	GENERAL ELEC CAP CORP FDIC GTD FDIC GTD TLGP TR00008	119,922	121,884
115,000.000	HOME DEPOT INC 04/21 FIXED 4.4	117,604	123,159
100,000 000	JPMORGAN CHASE + CO 04/19 FIXED 6.3	115,196	115,560
100,000.000	MORGAN STANLEY GROUP INC GLOBAL MEDIUM TERM NT SER F	109,793	107,151
110,000 000	CITIGROUP FUNDING INC 10/12 FIXED 1.875	109,606	111,967
100,000.000	GOLDMAN SACHS GROUP INC 06/20 FIXED 6	106,958	106,732
100,000 000	JPMORGAN CHASE + CO 03/20 FIXED 4 95	104,968	106,672
100,000.000	ALLY FINANCIAL INC 06/14 FRN	100,000	94,124
100,000.000	MORGAN STANLEY SR NT	99,876	104,665
100,000.000	FORD MOTOR CREDIT CO LLC 09/15 FIXED 5.625	99,466	102,456
100,000 000	AMERICAN INTL GROUP INC TRANCHE TR 00079	99,449	101,689
100,000.000	GENERAL ELEC CO NT	99,195	112,108
100,000.000	INTL LEASE FINANCE CORP 12/20 FIXED 8.25	99,160	101,750
90,000.000	DUKE ENERGY CO SR NT	97,587	91,765
100,000 000	GOLDMAN SACHS GROUP INC SUB NT	95,094	94,922
95,000.000	WACHOVIA CORP NEW NT	94,845	95,399
90,000 000	J P MORGAN CHASE + CO GLOBAL SUB NT	89,848	94,931
90,000.000	COMCAST CORP NEW NT	87,137	98,739
85,000 000	TELEFONICA EMISIONES SAU 04/15 FIXED 3.729	85,000	83,649
80,000.000	PLAINS ALL AMER PIPELINE 01/20 FIXED 5.75	81,335	90,222
75,000.000	REPUBLIC SERVICES INC 09/19 FIXED 5.5	80,507	86,093
80,000.000	PNC FUNDING CORP 06/14 FIXED 5.4	79,872	88,301
80,000.000	BP CAPITAL MARKETS PLC 10/20 FIXED 4.5	79,499	86,557
80,000.000	ARCELORMITTAL 03/21 FIXED 5.5	79,247	78,324
75,000.000	NABORS INDUSTRIES BP SWAP GTD SR NT	78,083	84,211
200,000.000	AMERICAN GEN FIN CORP MTN TRANCHE TR00411	78,000	170,000
65,000 000	CITIGROUP INC 05/19 FIXED 8 5	75,179	79,448
75,000.000	BALL CORP 05/21 FIXED 5.75	75,000	74,438
75,000 000	DIRECTV HLDG FIN INC 3/16 FIXED 3 5	74,858	78,479
75,000.000	BEAR STEARNS COS INC SUB GLOBAL NT	74,702	81,125
75,000.000	KINDER MORGAN ENERGY PARTNERS SR NT	74,522	80,742
75,000.000	WEA FINANCE LLC 05/21 FIXED 4.625	74,408	73,061
65,000 000	GOLDMAN SACHS GROUP INC MTN 02/19 FIXED 7 5	70,624	74,255
65,000.000	SIMON PROPERTY GROUP LP 02/20 FIXED 5.65	70,533	71,516
70,000 000	HSBC HOLDINGS PLC 4/21 FIXED 5.1	70,272	75,096

Shares/Par	Description	Cost - Base	Market Value - Base
70,000.000	MACQUARIE BANK LTD 04/21 FIXED 6.625	69,864	68,804
70,000.000	PETROBRAS INTL FIN CO 01/21 FIXED 5.375	69,861	74,970
70,000.000	NBCUNIVERSAL MEDIA LLC 04/41 FIXED 5.95	69,805	73,592
70,000.000	GAP INC/THE 04/21 FIXED 5.95	69,755	66,463
70,000.000	HCP INC 02/21 FIXED 5.375	69,635	71,315
70,000.000	AETNA INC SR NT	69,584	81,292
57,000.000	VERIZON COMMUNICATIONS INC NT DTD 10 2008	68,485	77,209
70,000.000	AMERICAN INTL GROUP INC TRANCHE TR 00035	67,514	70,875
65,000.000	DIRECTV HOLDINGS LLC 03/20 FIXED 5.2	65,923	71,523
65,000.000	JPMORGAN CHASE + CO 05/21 FIXED 4.625	64,928	67,332
65,000.000	JEFFERIES GROUP INC 11/15 FIXED 3.875	64,895	66,056
65,000.000	HESS CORP 02/41 FIXED 5.6	64,894	67,167
65,000.000	LIBERTY MUT GROUP INC SR NT 144A	63,733	62,925
55,000.000	BANK OF AMERICA CORP 06/19 FIXED 7.625	62,390	62,129
55,000.000	CVS CORP SR NT	61,291	64,428
60,000.000	VORNADO REALTY TRUST 4/15 FIXED 4.25	60,451	63,142
60,000.000	WAL MART STORES INC 04/41 FIXED 5.625	60,394	68,265
60,000.000	US AIRWAYS GROUP INC 04/23 FIXED 6.25	60,000	58,500
60,000.000	OCCIDENTAL PETROLEUM CORP 02/21 FIXED 4.1	59,986	64,911
60,000.000	JOHN DEERE CAPITAL CORP 09/16 FIXED 1.85	59,968	60,221
60,000.000	ROYAL BANK OF CANADA 07/16 FIXED 2.3	59,963	60,851
60,000.000	WELLPOINT INC 08/21 FIXED 3.70	59,930	59,999
60,000.000	HEWLETT PACKARD CO 12/20 FIXED 3.75	59,896	59,673
60,000.000	BANK OF AMERICA CORP 07/16 FIXED 3.75	59,884	59,230
60,000.000	JPMORGAN CHASE + CO 07/16 FIXED 3.15	59,856	61,287
60,000.000	CAPITAL ONE FINANCIAL CO 07/16 FIXED 3.15	59,849	59,723
60,000.000	DEVON ENERGY CORPORATION 07/41 FIXED 5.60	59,809	64,604
60,000.000	TORONTO DOMINION BANK 07/16 FIXED 2.5	59,776	61,738
55,000.000	AT+T INC GLOBAL NT	57,520	63,034
55,000.000	GENWORTH FINL INC SR NT	54,985	55,892
55,000.000	HEWLETT PACKARD CO 06/21 FIXED 4.3	54,889	57,127
55,000.000	GENERAL ELEC CAP CORP 01/21 FIXED 4.625	54,791	56,701
55,000.000	ENSCO PLC 03/21 FIXED 4.7	53,914	57,492
50,000.000	BURLINGTON NORTHN SANTA FE NT	52,784	58,513
50,000.000	NORTHROP GRUMMAN CORP 8/19 FIXED 5.05	52,700	56,857
50,000.000	AMERICAN EXPRESS CO 05/19 FIXED 8.125	51,881	64,247
50,000.000	ABBOTT LABORATORIES 05/40 5.3 FIXED	50,762	54,757
44,000.000	DOW CHEMICAL CO/THE 05/19 FIXED 8.55	50,057	57,173
50,000.000	WACHOVIA CORP TRANCHE SR 00033	49,887	53,451
50,000.000	MERCK + CO INC 01/16 FIXED 2.25	49,880	51,870
50,000.000	COMMWEALTH BANK AUST 03/20 FIXED 5	49,849	53,473
50,000.000	BOSTON SCIENTIFIC CORP 01/15 FIXED 4.5	49,847	52,865
50,000.000	MORGAN STANLEY GLOBAL NT 14/04/01 4.750	49,586	50,703
50,000.000	GENERAL ELEC CAP CORP TRANCHE TR 00806	49,525	50,955
50,000.000	HANESBRANDS INC 12/20 FIXED 6.375	48,000	49,375
45,000.000	HARTFORD FINL SVCS GROUP INC SR NT	46,814	46,563
45,000.000	CONOCOPHILLIPS NT	46,188	52,691
45,000.000	SLM CORP TRANCHE 00031	45,337	45,239
45,000.000	WILLIAMS PARTNERS LP 11/20 FIXED 4.125	44,996	45,015
45,000.000	FPL GROUP CAPITAL INC 09/15 FIXED 2.6	44,985	45,937
45,000.000	TD AMERITRADE HOLDING CO 12/14 FIXED 4.15	44,955	47,775
45,000.000	MOTOROLA INC SR NT	44,955	47,147
45,000.000	CHURCH + DWIGHT CO INC 12/15 FIXED 3.35	44,941	46,907
45,000.000	DEUTSCHE BANK AG LONDON TRANCHE TR 00311	44,939	46,852

Shares/Par	Description	Cost - Base	Market Value - Base
45,000.000	AMERICAN INTL GROUP 12/20 FIXED 6.4	44,883	47,340
45,000 000	ANHEUSER BUSCH COS INC NT	44,746	51,344
45,000.000	NEWS AMERICA INC 02/21 FIXED 4.5	44,721	46,290
45,000.000	TRAVELERS COS INC 11/40 FIXED 5 35	44,721	45,176
45,000.000	TRANSCONT GAS PIPE CORP 08/41 FIXED 5.40	44,702	44,192
45,000.000	TIME WARNER INC 3/41 FIXED 6 25	44,418	49,950
40,000.000	KINDER MORGAN ENERGY PARTNERS SR NT	43,337	45,682
45,000 000	WACHOVIA CORP NT	42,976	47,498
35,000.000	INTL PAPER CO 05/19 FIXED 9.375	42,427	44,881
40,000.000	INTERNATIONAL LEASE FIN CORP 05/16 FIXED 5.75	40,000	36,864
40,000.000	TEVA PHARMACEUTICAL FIN CO LLC GTD SR NT	39,994	46,174
40,000.000	WESTPAC BANKING CORP 02/15 FIXED 4 2	39,959	42,479
40,000.000	EXPEDIA INC 08/20 FIXED 5.95	39,957	40,357
40,000 000	UNITEDHEALTH GROUP INC 10/20 FIXED 3.875	39,866	41,572
40,000.000	WELLPOINT INC NT	39,852	45,002
40,000 000	AUTOZONE INC 11/20 FIXED 4	39,824	40,397
40,000.000	BOSTON SCIENTIFIC CORP 01/20 FIXED 6	39,612	44,227
40,000.000	JEFFERIES GROUP INC 04/21 FIXED 6 875	39,601	44,725
40,000.000	SLM CORP 01/16 FIXED 6.25	39,576	40,898
40,000 000	COX COMMUNICATIONS INC NEW NT	37,958	42,449
35,000.000	COX COMMUNICATIONS INC NEW NT 144A	36,949	41,889
35,000 000	XEROX CORP SR NT	36,171	41,085
35,000.000	MIDAMERICAN ENERGY HLDGS CO N SR NT	35,782	40,768
30,000 000	CATERPILLAR FINANCIAL SE TRANCHE NO TR 00821	35,123	38,455
35,000.000	DELTA AIR LINES 2011 1 04/19 FIXED 5.3	35,000	34,125
35,000.000	SHELL INTERNATIONAL FIN 06/15 FIXED 3 1	34,976	37,196
35,000.000	JOHN DEERE CAPITAL CORP 07/21 FIXED 3.9	34,963	37,299
35,000.000	NBCUNIVERSAL MEDIA LLC 04/20 FIXED 5.15	34,946	38,809
35,000.000	AMGEN INC 06/16 FIXED 2.3	34,919	35,792
35,000.000	TIME WARNER INC 01/21 FIXED 4.7	34,917	37,403
35,000.000	MERCK + CO INC 01/21 FIXED 3.875	34,894	37,541
35,000.000	CATERPILLAR INC 05/21 FIXED 3.9	34,837	37,334
35,000.000	AMGEN INC 06/42 FIXED 5.65	34,829	38,301
35,000.000	PACIFIC GAS + ELECTRIC 10/20 FIXED 3.5	34,826	35,627
35,000.000	WALT DISNEY COMPANY/THE 08/16 FIXE D1.35	34,722	34,581
35,000 000	UNITEDHEALTH GROUP INC NT 20070621	34,716	41,253
35,000.000	HONEYWELL INTERNATIONAL 03/41 FIXED 5.375	34,603	38,612
35,000.000	CITIGROUP INC GLOBAL SUB NT	34,559	31,288
30,000.000	TRAVELERS COS INC 06/19 FIXED 5.9	31,933	34,448
30,000 000	CENTURYLINK INC 06/21 FIXED 6 45	30,525	29,213
30,000.000	DIAGEO FINANCE BV 01/15 FIXED 3.25	30,057	31,637
30,000.000	TOLL BROS FINANCE CORP 11/19 FIXED 6.75	29,998	30,579
30,000.000	JACKSON NATL LIFE GLOBAL FDG TRANCHE SR 00386 144A	29,977	31,902
30,000.000	SOUTHERN NATURAL GAS 06/21 FIXED 4.4	29,973	31,282
30,000.000	CHARLES SCHWAB CORP 07/20 FIXED 4.45	29,962	31,642
30,000.000	TIMKEN CO 09/14 FIXED 6	29,959	33,359
30,000.000	BERKSHIRE HATHAWAY FIN CORP SR NT	29,956	34,295
29,955.650	AMER AIRLN PT TRS 11 1 07/22 FIXED 5.25	29,956	27,859
30,000.000	METLIFE INC 12/66 FIXED 6.4	29,945	27,307
30,000 000	JPMORGAN CHASE + CO 06/14 FIXED 4.65	29,938	32,010
30,000.000	PUBLIC SVC CO OK 12/19 FIXED 5.15	29,915	33,926
30,000.000	CIGNA CORP 12/20 FIXED 4.375	29,896	31,408
30,000.000	CORNING INC 8/20 FIXED 4.25	29,725	31,714
30,000 000	PRUDENTIAL FINANCIAL INC 11/20 FIXED 4 5	29,652	30,291

Shares/Par	Description	Cost - Base	Market Value - Base
29,000.000	GENERAL MLS INC NT	28,954	30,377
26,000.000	GENERAL MLS INC NT	28,006	26,622
25,000.000	DUKE ENERGY CAROLINAS LLC 1ST + REF MTG	26,959	31,665
25,000 000	HALLIBURTON CO 09/19 FIXED 6 15	26,890	30,540
25,000.000	PRUDENTIAL FINANCIAL INC 01/15 FIXED 6.2	26,859	27,975
25,000.000	AT+T INC 02/19 FIXED 5.8	26,791	29,509
25,000.000	BANK OF AMERICA CORP 08/16 FIXED 6.5	26,490	26,831
25,000 000	CAPITAL ONE BANK USA NA 07/19 FIXED 8.8	26,371	30,870
25,000.000	DIAGEO CAP PLC GTD NT	25,950	28,638
25,000.000	CITIGROUP INC 12/15 FIXED 4.587	25,494	25,965
25,000.000	BAXTER INTL INC 08/19 FIXED 4.5	25,207	27,556
25,000.000	STANLEY BLACK + DECKER I 09/40 FIXED 5 2	25,013	25,672
25,000.000	GOLDMAN SACHS GROUP INC 07/21 FIXED 5.25	24,987	25,345
25,000.000	BOEING CAPITAL CORP 08/16 FIXED 2 125	24,986	25,379
25,000.000	VODAFONE GROUP PLC 06/14 FIXED 4.15	24,983	26,985
25,000.000	SOUTHERN CO 05/14 FIXED 4 15	24,975	26,764
25,000.000	BUNGE NA FINANCE LP GTD SR NT	24,972	27,477
25,000.000	LINCOLN NATL CORP IN 06/21 FIXED 4 85	24,967	24,672
25,000.000	GENWORTH FINL INC NT	24,964	24,660
25,000 000	TEVA PHARMACEUTICAL FIN CO LLC GTD SR NT	24,964	28,719
25,000.000	GENWORTH FINL INC SR NT	24,962	23,740
25,000.000	HERSHEY COMPANY 12/20 FIXED 4 125	24,960	27,253
25,000.000	PACIFICORP	24,955	29,554
25,000.000	EXELON GENERATION CO LLC 10/19 FIXED 5 2	24,951	27,105
25,000.000	ORACLE CORP 07/20 FIXED 3.875	24,945	26,791
25,000.000	HARTFORD FINL SVCS GRP 03/20 FIXED 5.5	24,939	25,305
25,000.000	PROGRESS ENERGY INC 03/14 FIXED 6.05	24,931	27,850
25,000.000	STATOIL ASA 08/40 FIXED 5 1	24,920	27,187
25,000.000	TIME WARNER INC 03/20 FIXED 4.875	24,918	26,941
25,000.000	BANK OF AMERICA CORP 07/20 FIXED 5.625	24,911	25,319
25,000.000	KKR GROUP FINANCE CO 09/20 FIXED 6.375	24,896	26,599
25,000.000	ENTERPRISE PRODUCTS OPER 09/40 FIXED 6.45	24,881	27,633
25,000.000	TYCO INTERNATIONAL FINAN 01/23 FIXED 4.625	24,795	26,721
25,000.000	DISNEY WALT CO NEW MTN BOOK 08/41 FIXED 4 375	24,753	24,884
25,000.000	VIACOM INC SR DEB	24,751	29,672
25,000.000	SANOFI AVENTIS 03/21 FIXED 4	24,744	26,509
25,000.000	OCCIDENTAL PETE CORP 2/22 FIXED 3.125	24,523	24,901
25,000.000	CITIGROUP INC 07/39 FIXED 8.125	24,493	30,110
25,000.000	LIBERTY MUTUAL GROUP 06/21 FIXED 5.0 SER 144A	24,470	24,396
20,000.000	COMMONWEALTH EDISON CO 1ST MTG SER 106	23,802	23,626
22,000.000	TEACHERS INSUR + ANNUITY 12/39 FIXED 6.85	21,972	26,151
20,000 000	JEFFERIES GROUP INC 07/19 FIXED 8.5	21,563	24,139
20,000.000	BP CAP MKTS PLC GTD NT	20,434	21,319
20,000 000	US AIRWAYS GROUP INC 04/25 FIXED 7.125	20,000	19,300
20,000.000	ILLINOIS TOOL WKS INC 04/19 FIXED 6.25	19,997	24,191
20,000.000	NOBLE HOLDING INTL LTD 03/16 FIXED 3 05	19,995	20,850
20,000.000	CONAGRA INC 04/14 FIXED 5.875	19,991	22,052
20,000 000	ALLSTATE LIFE GBL FDG SECD TRANCHE NO TR 00039	19,980	21,361
20,000.000	TEVA PHARMA FIN II III 06/15 FIXED 3	19,975	20,944
20,000.000	VALERO ENERGY CORP 03/19 FIXED 9 375	19,973	25,987
20,000.000	AMERICAN EXPRESS CR CORP TRANCHE TR 00071	19,967	22,089
20,000 000	LINCOLN NATL CORP IN SR NT	19,958	20,809
20,000.000	UNITED TECHNOLOGIES CORP 04/40 FIXED 5.7	19,954	23,048
20,000 000	BERKSHIRE HATHAWAY FIN 04/12	19,953	20,435

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Part II Line 10c column (b) and (c)

Shares/Par	Description	Cost - Base	Market Value - Base
20,000.000	ANADARKO PETE CORP SR NT	19,937	25,785
20,000.000	CORN PRODUCTS INTL INC 11/20 FIXED 4 625	19,920	20,763
20,000.000	ANHEUSER BUSCH INBEV WOR 01/20 5.375	19,869	23,423
20,000.000	GEORGIA POWER COMPANY 06/40 FIXED 5 4	19,868	21,948
20,000.000	AETNA INC 09/20 FIXED 3.95	19,772	20,580
20,000 000	ORACLE CORP 7/40 FIXED 5 375	19,768	21,975
20,000.000	VIRGINIA ELEC + PWR CO SR NT 2008 SER A	19,752	23,439
20,000 000	VERIZON COMMUNICATIONS 04/41 FIXED 6	19,667	22,890
20,000.000	SLM CORP 03/20 FIXED 8	19,664	20,551
16,000.000	CONSOLIDATED EDISON CO NY INC DEB SER 2008 C	15,943	20,431
15,000.000	RIO TINTO FINANCE PLC 05/14 FIXED 8.95	15,788	17,993
15,000.000	PROTECTIVE LIFE CORP 10/39 FIXED 8.45	15,346	17,100
15,000.000	DU PONT E I DE NEMOURS + CO NT	14,994	18,111
15,000 000	VODAFONE GROUP PLC NEW NT	14,992	15,333
15,000.000	HASBRO INC 05/14 FIXED 6.125	14,990	16,606
15,000 000	ANHEUSER BUSCH INBEV WOR 01/19 FIXED 7 75	14,988	19,742
15,000.000	WEATHERFORD INTL INC GTD SR NT	14,988	17,097
15,000.000	WESTPAC BANKING CORP 11/12 FIXED 2 25	14,987	15,233
15,000.000	ONCOR ELECTRIC DELIVERY 09/18 FIXED 6.8	14,984	18,179
15,000.000	PETRO CDA SR NT	14,968	17,609
15,000.000	METLIFE INC 6/16 FIXED 6.75	14,964	17,579
15,000.000	NATIONAL FUEL GAS CO 5/19 FIXED 8.75	14,964	19,575
15,000.000	KELLOGG CO 05/16 FIXED 4.45	14,960	16,750
15,000 000	HESS CORP NT	14,952	19,567
15,000.000	SCHERING PLOUGH CORP SR NT	14,927	18,339
15,000.000	CLEVELAND ELECTRIC ILLUM 08/24 FIXED 5 5	14,920	17,470
15,000.000	WEATHERFORD INTL INC GTD SR NT	14,907	16,410
15,000 000	SEMPRA ENERGY 10/39 FIXED 6	14,874	17,193
15,000.000	WEYERHAEUSER CO 10/19 FIXED 7.375	14,872	17,000
15,000 000	BORGWARNER INC 9/20 FIXED 4 625	14,849	15,914
15,000.000	TRANSOCEAN INC SR NT	14,810	16,599
15,000.000	VERIZON COMMUNICATIONS INC NT	14,622	22,311
14,000.000	PACIFIC LIFE GLOBAL FDG TRANCHE SR 00008	12,995	14,764
10,000 000	COMCAST CORP NEW NT	10,580	11,593
10,000.000	PNC FUNDING CORP 02/20 FIXED 5.125	10,472	11,046
10,000.000	BUNGE LIMITED FINANCE CO 06/19 FIXED 8.5	10,000	12,757
10,000.000	PLAINS ALL AMER PIPELINE 05/19 FIXED 8.75	9,999	12,822
10,000.000	CATERPILLAR FINANCIAL SE TRANCHE NO TR 00817	9,988	10,761
10,000.000	ALCOA INC 04/21 FIXED 5.4	9,985	10,022
10,000 000	DISCOVER FINL SVCS SR NT	9,980	11,254
10,000.000	DEVON ENERGY CORP NEW SR NT	9,977	11,077
10,000 000	MARRIOTT INTERNATIONAL NT SER J	9,972	10,426
10,000.000	BAXTER INTL INC SR NT	9,972	10,756
10,000.000	SOUTH CAROLINA ELEC + GAS 1ST MTG BD	9,971	12,442
10,000.000	BROWN FORMAN CORP NT	9,963	10,948
10,000.000	GOLDMAN SACHS GROUP INC 02/41 FIXED 6.25	9,962	9,837
10,000.000	SEMPRA ENERGY NT	9,955	14,080
10,000.000	BERKSHIRE HATHAWAY FIN 01/40 FIXED 5.75	9,880	10,774
5,000.000	GENERAL MLS INC NT	4,996	5,889
5,000.000	HOUSEHOLD FIN CORP NT	4,075	5,028
1,121,590.700	COUNTRYWIDE ALTERNATIVE LOAN T CWALT 2006 41CB 1A9	902,881	692,696
765,000.000	GE CAPITAL COMMERCIAL MORTGAGE GECMC 2003 C2 A4	795,152	800,136
750,000.000	WACHOVIA BANK COMMERCIAL MORTG WBCMT 2007 C33 APB	718,828	796,449
795,780 200	JP MORGAN CHASE COMMERCIAL MOR JPMCC 2005 LDP3 A3	673,491	815,082

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Part II Line 10c column (b) and (c)

Shares/Par	Description	Cost - Base	Market Value - Base
750,000.000	MORGAN STANLEY CAPITAL I MSC 2007 HQ11 A31	505,635	778,440
540,000.000	BEAR STEARNS COMMERCIAL MORTGA BSCMS 2007 PW17 A4	469,041	572,565
400,000.000	BANC OF AMERICA LARGE LOAN BALL 2010 UB5 A4A 144A	430,656	437,211
420,000.000	WF RBS COMMERCIAL MORTGAGE TRU WFRBS 2011 C4 A4 144A	425,946	426,778
406,423.900	AMERICAN GENERAL MORTGAGE LOAN AGFMT 2010 1A A1 144A	406,326	416,722
370,000 000	GS MORTGAGE SECURITIES CORPORA GSMS 2006 GG8 A4	377,776	393,508
350,000.000	CREDIT SUISSE MORTGAGE CAPITAL CSMC 2007 C5 A4	351,750	369,472
339,276 180	GREENWICH CAPITAL COMMERCIAL F GCCFC 2005 GG3 A2	344,074	339,294
320,000.000	BANC OF AMERICA COMMERCIAL MOR BACM 2005 3 A3B	332,288	335,164
290,700.000	BEAR STEARNS COMMERCIAL MORTGA BSCMS 2007 T28 A2	299,671	296,617
300,000.000	CITIGROUP/DEUTSCHE BANK COMMER CD 2007 CD5 A4	270,820	322,642
245,294.630	WELLS FARGO MORTGAGE BACKED SE WFMBS 2007 16 1A1	243,532	253,879
229,191.230	STRUCTURED ASSET SECURITIES CO SASC 2005 RF3 1A 144A	229,191	182,081
200,000 000	CS FIRST BOSTON MORTGAGE SECUR CSFB 2004 C5 A3	205,234	200,207
326,966.500	STRUCTURED ASSET MORTGAGE INVE SAMI 2006 AR5 4A1	193,662	130,429
270,765 350	WAMU MORTGAGE PASS THROUGH CER WAMU 2006 AR16 1A1	188,805	187,966
261,792.180	WAMU MORTGAGE PASS THROUGH CER WAMU 2006 AR10 1A1	187,784	191,861
308,938 250	INDYMAC IMSC MORTGAGE LOAN TRU IMSC 2007 HOA1 A11	172,171	154,889
164,791.980	STRUCTURED ADJUSTABLE RATE MOR SARM 2005 19XS 1A1	164,792	105,572
258,363.010	INDYMAC INDX MORTGAGE LOAN TRU INDX 2006 AR6 2A1A	156,904	133,211
155,000.000	LB UBS COMMERCIAL MORTGAGE TRU LBUBS 2004 C8 A5	156,792	155,419
145,177.150	GMAC COMMERCIAL MORTGAGE SECUR GMACC 2005 C1 A3	145,637	144,772
144,638.260	GSMPs MORTGAGE LOAN TRUST GSMPs 2005 RP3 1AF 144A	144,480	118,406
233,214.910	HARBORVIEW MORTGAGE LOAN TRUST HVMLT 2006 8 2A1A	143,964	138,947
139,000.000	DBUBS MORTGAGE TRUST DBUBS 2011 LC3A A2	140,387	142,152
125,282 200	BEAR STEARNS ALT A TRUST BALTA 2005 4 23A2	126,608	98,656
110,945.740	CS FIRST BOSTON MORTGAGE SECUR CSFB 2002 CKS4 A2	114,517	113,220
104,835 350	AMERICAN HOME MORTGAGE INVESTM AHM 2005 1 6A	103,775	78,971
100,122.190	JP MORGAN CHASE COMMERCIAL MOR JPMCC 2002 CIB5 A1	101,538	100,499
100,000.000	GE CAPITAL COMMERCIAL MORTGAGE GECMC 2005 C3 H 144A	96,561	54,083
86,039.960	BANC OF AMERICA COMMERCIAL MOR BACM 2006 1 A2	86,608	85,916
78,607.930	IMPAC SECURED ASSETS CORP. IMSA 2007 1 A1	78,608	77,162
49,283.910	DELTA AIR LINES 05/19 FIXED 4.95	49,419	47,693
46,005.790	COUNTRYWIDE HOME LOANS CWHL 2004 R2 1AF1 144A	46,094	39,435
41,244.790	HARBORVIEW MORTGAGE LOAN TRUST HVMLT 2005 9 2A1A	41,245	31,759
35,527.000	JP MORGAN CHASE COMMERCIAL MOR JPMCC 2001 C1 A3	36,060	35,480
59,864.990	LUMINENT MORTGAGE TRUST LUM 2006 7 1A1	35,757	31,492
50,000 000	JP MORGAN CHASE COMMERCIAL MOR JPMCC 2007 CB19 ASB	34,984	53,263
31,649.980	BANC OF AMERICA MORTGAGE SECUR BOAMS 2004 2 5A1	32,550	32,091
28,000.000	BEAR STEARNS COMMERCIAL MORTGA BSCMS 2006 PW13 A2	28,096	27,979
27,860.810	BANC OF AMERICA FUNDING CORPOR BAFc 2004 B 1A2	28,000	17,077
22,513 620	IMPAC SECURED ASSETS CORP. IMSA 2006 3 A4	22,514	21,645
505,012.940	MERRILL LYNCH MORTGAGE INVESTO MLMI 1998 C3 IO	20,161	7,201
18,484.350	IMPAC SECURED ASSETS CORP IMSA 2004 3 1A4	18,484	16,726
16,562.860	HARBORVIEW MORTGAGE LOAN TRUST HVMLT 2004 7 2A2	16,639	10,273
16,192.740	LB UBS COMMERCIAL MORTGAGE TRU LBUBS 2005 C7 A2	16,248	16,180
13,604.420	INDYMAC ARM TRUST INARM 2001 H2 A2	13,697	10,823
10,592.390	MORGAN STANLEY DEAN WITTER CAP MSDWC 2001 TOP5 A4	10,973	10,603
38,491.330	FANNIEMAE STRIP FNS 351 5	8,991	5,201
274,000 000	AVIS BUDGET RENTAL CAR FUNDING AESOP 2011 3A A 144A	273,872	286,996
242,000.000	HERTZ VEHICLE FINANCING LLC HERTZ 2011 1A A1 144A	241,993	245,669
165,000.000	AVIS BUDGET RENTAL CAR FUNDING AESOP 2007 2A A 144A	160,875	163,149

Shares/Par	Description	Cost - Base	Market Value - Base
	TOTAL		54,616,340

Shares/Par	Description	Cost - Base	Market Value - Base
79,177.000	TELSTRA CORP LTD COMMON STOCK NPV	227,377	256,928
4,869.000	COCA COLA AMATIL LTD COMMON STOCK NPV	44,540	61,426
2,204.000	CSL LTD COMMON STOCK NPV	67,829	66,374
4,690.000	NEWCREST MINING LTD COMMON STOCK NPV	117,624	202,166
59,439.000	OIL SEARCH LTD COMMON STOCK NPV	335,388	402,307
15,990.000	ALUMINA LTD COMMON STOCK NPV	38,952	30,139
10,002.000	ILUKA RESOURCES LTD COMMON STOCK NPV	48,974	175,457
2,766.000	MACQUARIE GROUP LTD COMMON STOCK NPV	113,698	76,545
24,439.000	WESTPAC BANKING CORP COMMON STOCK NPV	423,253	539,163
8,825.000	COMMONWEALTH BANK OF AUSTRAL COMMON STOCK NPV	276,691	455,734
16,899.000	BHP BILLITON LTD COMMON STOCK NPV	594,497	719,214
23,191.000	WORLEYPARSONS LTD COMMON STOCK NPV	615,599	675,550
16,285.000	WOODSIDE PETROLEUM LTD COMMON STOCK NPV	720,049	613,554
54,312.000	HYPERMARCAS SA COMMON STOCK NPV	608,789	456,191
21,900.000	VALE SA PREF A PREFERENCE	708,691	560,531
73,500.000	PETROBRAS PETROLEO BRAS PR PREFERENCE	1,960,357	962,599
52,080.000	BANCO BRADESCO SA PREF PREFERENCE	984,800	923,090
56,500.000	SUZANO PAPEL E CELULOSE SA PREFERENCE	770,503	321,953
3,900.000	BARRICK GOLD CORP COMMON STOCK NPV	107,583	198,819
12,200.000	CAE INC COMMON STOCK NPV	151,878	133,996
13,900.000	CAMECO CORP COMMON STOCK NPV	384,489	323,104
6,400.000	CENOVUS ENERGY INC COMMON STOCK NPV	183,526	231,692
10,100.000	CENTERRA GOLD INC COMMON STOCK 144A	97,859	212,980
3,800.000	CENTERRA GOLD INC COMMON STOCK NPV	38,911	80,131
5,700.000	ENCANA CORP COMMON STOCK NPV	183,132	144,970
2,000.000	FIRST QUANTUM MINERALS LTD COMMON STOCK NPV	30,085	49,271
4,000.000	INMET MINING CORPORATION COMMON STOCK NPV	196,171	256,358
2,800.000	INTACT FINANCIAL CORP COMMON STOCK NPV	112,106	157,775
3,680.000	IVANHOE MINES LTD COMMON STOCK NPV	81,113	84,713
1,200.000	ONEX CORPORATION COMMON STOCK NPV	42,397	42,645
4,300.000	TELUS CORPORATION NON VOTE COMMON STOCK NPV	161,685	225,807
11,646.000	BANK OF NOVA SCOTIA COMMON STOCK NPV	575,602	649,442
863.000	SYNGENTA AG REG COMMON STOCK CHF.1	237,472	274,486
516.000	SWISSCOM AG REG COMMON STOCK CHF1.0	160,589	231,431
6,479.000	NOVARTIS AG REG COMMON STOCK CHF.5	327,924	377,517
2,799.000	ROCHE HOLDING AG GENUSSCHEIN COMMON STOCK NPV	447,066	489,725
3,013.000	HOLCIM LTD REG COMMON STOCK CHF2.0	165,508	190,356
4,398.000	NESTLE SA REG COMMON STOCK CHF.1	149,577	272,186
482.000	SONOVA HOLDING AG REG COMMON STOCK CHF.05	51,491	41,120
1,000.000	CREDIT SUISSE GROUP AG REG COMMON STOCK CHF.04	35,662	28,594
665.000	SWATCH GROUP AG/THE REG COMMON STOCK CHF.45	50,710	53,269
510.000	KUEHNE + NAGEL INTL AG REG COMMON STOCK CHF1.0	71,671	71,082
16,820.000	UBS AG REG COMMON STOCK CHF.1	296,728	243,399
2,106.000	CIE FINANCIERE RICHEMON BR A COMMON STOCK CHF1.0	52,387	122,163
1,126.000	TRANSOCEAN LTD COMMON STOCK CHF15.0	68,258	62,524
6,472.000	NOVARTIS AG REG COMMON STOCK CHF 5	297,494	377,109
24,454.000	ABB LTD REG COMMON STOCK CHF1.03	390,927	523,982
2,953.000	ROCHE HOLDING AG GENUSSCHEIN COMMON STOCK NPV	515,875	516,670
13,268.000	NESTLE SA REG COMMON STOCK CHF.1	402,878	821,137
8,788.000	CREDIT SUISSE GROUP AG REG COMMON STOCK CHF.04	411,279	251,288
23,246.000	ABB LTD REG COMMON STOCK CHF1.03	366,880	498,098
2,369.000	ROCHE HOLDING AG GENUSSCHEIN COMMON STOCK NPV	326,464	414,491
9,540.000	ADECCO SA REG COMMON STOCK CHF1.0	637,050	445,149
7,037.000	HOLCIM LTD REG COMMON STOCK CHF2.0	564,300	444,584
7,430.000	NESTLE SA REG COMMON STOCK CHF.1	229,646	459,832

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Part II Line 13 column (b) and (c)

Shares/Par	Description	Cost - Base	Market Value - Base
8,632.000	CIE FINANCIERE RICHEMON BR A COMMON STOCK CHF1.0	431,358	500,719
2,397.000	SYNGENTA AG REG COMMON STOCK CHF.1	599,421	762,391
13,074.000	NOVARTIS AG REG COMMON STOCK CHF.5	764,462	761,792
33,960.000	ABB LTD REG COMMON STOCK CHF1 03	996,146	727,669
5,936.000	ROCHE HOLDING AG GENUSSSCHEIN COMMON STOCK NPV	968,220	1,038,588
11,114.000	HOLCIM LTD REG COMMON STOCK CHF2.0	832,793	702,162
19,187.000	NESTLE SA REG COMMON STOCK CHF.1	917,631	1,187,455
47,064.000	UBS AG REG COMMON STOCK CHF 1	931,012	681,055
12,156.000	CIE FINANCIERE RICHEMON BR A COMMON STOCK CHF1.0	347,574	705,137
12,393.000	TDC A/S COMMON STOCK DKK1	110,395	108,152
2,303.000	NOVO NORDISK A/S B COMMON STOCK DKK1.	92,066	246,383
3,917.000	NOVO NORDISK A/S B COMMON STOCK DKK1.	247,345	419,054
55.000	A P MOLLER MAERSK A/S B COMMON STOCK DKK1000.	530,155	385,681
11,675.000	NOVO NORDISK A/S B COMMON STOCK DKK1.	788,091	1,249,031
3,267.000	CRH PLC COMMON STOCK EUR.32	77,887	58,633
5,617.000	BOUYGUES SA COMMON STOCK EUR1.	268,327	216,135
3,442.000	EADS NV COMMON STOCK EUR1.0	94,493	109,449
1,130.000	VEOLIA ENVIRONNEMENT COMMON STOCK EUR5.0	50,202	18,848
1,200.000	L OREAL COMMON STOCK EUR.2	117,115	130,947
731.000	LVMH MOET HENNESSY LOUIS VUI COMMON STOCK EUR 3	73,832	124,142
5,534.000	INTESA SANPAOLO COMMON STOCK EUR.52	12,604	9,036
16,302.000	INTESA SANPAOLO RSP COMMON STOCK EUR.52	47,103	22,310
15,400.000	COMMERZBANK AG COMMON STOCK NPV	65,903	45,876
1,372.000	MICHELIN (CGDE) B COMMON STOCK EUR2 0	97,301	100,726
6,570.000	PERNOD RICARD SA COMMON STOCK EUR1.55	498,644	591,218
2,570.000	SCHNEIDER ELECTRIC SA COMMON STOCK EUR4.	395,843	344,497
10,028.000	SAP AG COMMON COMMON STOCK NPV	535,036	548,656
5,556.000	BAYER AG REG COMMON STOCK NPV	343,587	359,099
4,408.000	STORA ENSO OYJ R SHS COMMON STOCK NPV	30,586	32,304
399.000	BILFINGER BERGER SE COMMON STOCK NPV	35,300	33,590
3,012.000	HEIDELBERGCEMENT AG COMMON STOCK NPV	162,441	129,797
11,522.000	SAMPO OYJ A SHS COMMON STOCK NPV	290,749	331,124
700.000	ALLIANZ SE REG COMMON STOCK NPV	101,801	72,294
426.000	MUENCHENER RUECKVER AG REG COMMON STOCK NPV	65,090	55,736
3,503.000	DAIMLER AG REGISTERED SHARES COMMON STOCK NPV	190,520	189,993
11,016.000	REPSOL YPF SA COMMON STOCK EUR1 0	304,011	318,327
9,148.000	WOLTERS KLUWER COMMON STOCK EUR.12	188,555	173,532
7,487.000	BANCO SANTANDER SA COMMON STOCK EUR.5	88,066	69,206
1,455.000	SIEMENS AG REG COMMON STOCK NPV	105,038	150,582
635.000	LINDE AG COMMON STOCK NPV	64,992	97,461
1,980.000	DEUTSCHE BANK AG REGISTERED COMMON STOCK NPV	86,108	80,521
12,116.000	ASML HOLDING NV COMMON STOCK EUR 09	381,548	430,097
16,757.000	KONINKLIJKE KPN NV COMMON STOCK EUR.24	230,650	237,890
5,556.000	SOCIETE GENERALE COMMON STOCK EUR1.25	324,855	186,869
3,303.000	AXA SA COMMON STOCK EUR2.29	84,396	53,168
1,000.000	INDITEX COMMON STOCK EUR 15	40,093	85,380
3,000.000	JC DECAUX SA COMMON STOCK NPV	75,325	74,531
8,139.000	BNP PARIBAS COMMON STOCK EUR2 0	580,158	420,344
2,573.000	COMPAGNIE DE SAINT GOBAIN COMMON STOCK EUR4.0	157,789	129,791
2,871.000	FUGRO NV CVA DUTCH CERT EUR 05	228,465	174,399
4,355.000	ROYAL DUTCH SHELL PLC A SHS COMMON STOCK EUR.07	131,223	145,973
227.000	VIENNA INSURANCE GROUP AG COMMON STOCK NPV	11,992	10,603
6,618.000	GDF SUEZ COMMON STOCK EUR1.0	249,126	209,200
2,150.000	KONINKLIJKE DSM NV COMMON STOCK EUR1.5	126,167	108,221
1,021.000	TOTAL SA COMMON STOCK EUR2.5	53,222	49,974

Shares/Par	Description	Cost - Base	Market Value - Base
1,989.000	ANDRITZ AG COMMON STOCK NPV	104,645	185,056
9,372.000	DANONE COMMON STOCK EUR.25	551,873	641,833
691.000	AIR LIQUIDE SA COMMON STOCK EUR5.5	64,186	90,059
3,595.000	DEUTSCHE BOERSE AG COMMON STOCK	274,224	208,881
800.000	BRENNTAG AG COMMON STOCK NPV	69,174	82,575
11,200.000	SES RECEIPT NPV	214,931	306,793
6,504.000	ADIDAS AG COMMON STOCK NPV	212,972	454,036
11,525.000	FAURECIA COMMON STOCK EUR7.0	457,511	338,345
6,176.000	BAYER AG REG COMMON STOCK NPV	491,721	399,171
4,832.000	SANOFI COMMON STOCK EUR2.0	333,863	352,447
32,764.000	BANCO SANTANDER SA COMMON STOCK EUR.5	401,350	302,855
4,727.000	SIEMENS AG REG COMMON STOCK NPV	523,358	489,211
19,962.000	ENI SPA COMMON STOCK EUR1.0	323,648	402,378
10,237.000	BNP PARIBAS COMMON STOCK EUR2.0	630,581	528,696
17,034.000	ARCELORMITTAL COMMON STOCK	747,492	377,080
10,177.000	GDF SUEZ COMMON STOCK EUR1.0	374,957	321,703
8,307.000	TOTAL SA COMMON STOCK EUR2.5	363,062	406,594
6,577.000	HENKEL AG + CO KGAA VORZUG PREFERENCE	274,079	389,720
9,986.000	ADIDAS AG COMMON STOCK NPV	540,574	697,110
8,653.000	ANHEUSER BUSCH INBEV NV COMMON STOCK NPV	310,590	479,033
12,606.000	SAIPEM SPA COMMON STOCK EUR1.0	335,926	567,373
5,724.000	BAYER AG REG COMMON STOCK NPV	431,676	369,957
10,069.000	ERSTE GROUP BANK AG COMMON STOCK NPV	484,603	367,508
18,931.000	AIXTRON SE COMMON STOCK	601,721	425,343
6,130.000	BAYERISCHE MOTOREN WERKE AG COMMON STOCK EUR1.0	354,758	497,344
26,523.000	AXA SA COMMON STOCK EUR2.29	434,794	426,940
8,107.000	BNP PARIBAS COMMON STOCK EUR2.0	501,093	418,691
1,134.000	ILIAD SA COMMON STOCK NPV	105,199	136,415
19,468.000	GRIFOLS SA COMMON STOCK EUR.5	387,022	401,670
3,150.000	WACKER CHEMIE AG COMMON STOCK NPV	399,183	459,886
5,731.000	DANONE COMMON STOCK EUR.25	376,599	392,482
6,113.000	DEUTSCHE BOERSE AG COMMON STOCK	780,293	355,184
13,768.000	CRH PLC COMMON STOCK EUR.32	313,135	247,096
5,535.000	L OREAL COMMON STOCK EUR 2	659,333	603,993
9,237.000	PERNOD RICARD SA COMMON STOCK EUR1.55	576,251	831,214
14,655.000	ANHEUSER BUSCH INBEV NV COMMON STOCK NPV	457,100	811,305
6,830.000	SCHNEIDER ELECTRIC SA COMMON STOCK EUR4.	797,218	915,530
6,310.000	SAP AG COMMON COMMON STOCK NPV	330,370	345,235
5,493.000	ALLIANZ SE REG COMMON STOCK NPV	700,989	567,300
14,794.000	ERSTE GROUP BANK AG COMMON STOCK NPV	841,661	539,965
10,144.000	DAIMLER AG REGISTERED SHARES COMMON STOCK NPV	609,973	550,183
40,539.000	BANCO SANTANDER SA COMMON STOCK EUR 5	434,762	374,723
23,724.000	TELEFONICA SA COMMON STOCK EUR1.0	693,493	495,630
8,235.000	LINDE AG COMMON STOCK NPV	1,201,298	1,263,930
5,734.000	ACCOR SA COMMON STOCK EUR3.0	273,051	206,808
38,286.000	AXA SA COMMON STOCK EUR2.29	549,663	616,288
16,041.000	JC DECAUX SA COMMON STOCK NPV	469,246	398,519
2,699.000	ESSILOR INTERNATIONAL COMMON STOCK EUR.18	179,685	207,436
14,518.000	BNP PARIBAS COMMON STOCK EUR2.0	1,055,642	749,791
6,772.000	COMPAGNIE DE SAINT GOBAIN COMMON STOCK EUR4.0	369,310	341,603
22,002.000	ROYAL DUTCH SHELL PLC A SHS COMMON STOCK EUR.07	832,433	737,475
11,433.000	DANONE COMMON STOCK EUR 25	568,009	782,978
3,153.000	UNIBAIL RODAMCO SE REIT EUR5.0	628,418	683,450
9,200.000	BHP BILLITON PLC COMMON STOCK USD 5	240,556	315,477
2,000.000	ARM HOLDINGS PLC COMMON STOCK GBP.0005	4,114	18,562

Shares/Par	Description	Cost - Base	Market Value - Base
7,950.000	TULLOW OIL PLC COMMON STOCK GBP.1	188,369	139,154
2,900.000	DIAGEO PLC COMMON STOCK GBP.893518	49,052	58,552
16,400.000	PREMIER FARNELL PLC COMMON STOCK GBP.05	57,844	48,386
10,368.000	STANDARD CHARTERED PLC COMMON STOCK USD.5	257,488	236,344
50,983.000	HSBC HOLDINGS PLC COMMON STOCK USD.5	437,858	445,448
27,900.000	PRUDENTIAL PLC COMMON STOCK GBP.05	261,358	281,882
5,765.000	RIO TINTO PLC COMMON STOCK GBP.1	324,604	356,889
119,400.000	LLOYDS BANKING GROUP PLC COMMON STOCK GBP.1	109,015	65,313
20,500.000	BG GROUP PLC COMMON STOCK GBP.1	312,658	444,610
79,200.000	TESCO PLC COMMON STOCK GBP.05	527,691	488,233
69,556.000	GKN PLC COMMON STOCK GBP.1	160,885	228,774
1,300.000	CARNIVAL PLC COMMON STOCK USD1.66	39,469	42,525
93,800.000	BARCLAYS PLC COMMON STOCK GBP.25	422,744	260,786
4,200.000	XSTRATA PLC COMMON STOCK USD.5	71,479	73,789
21,600.000	BOWLEVEN PLC COMMON STOCK GBP.1	110,465	46,161
4,200.000	NATIONAL GRID PLC COMMON STOCK GBP.139535	32,019	42,468
5,700.000	WHITBREAD PLC COMMON STOCK GBP.767974	155,602	139,772
2,500.000	ANGLO AMERICAN PLC COMMON STOCK USD.54945	104,007	104,513
8,100.000	SHIRE PLC COMMON STOCK GBP.05	130,164	262,062
6,800.000	PREMIER OIL PLC COMMON STOCK GBP.125	52,163	36,593
12,700.000	GLENORE INTERNATIONAL PLC COMMON STOCK USD.01	108,463	87,151
73,000.000	CAIRN ENERGY PLC COMMON STOCK GBP.6153.8	517,916	397,951
49,800.000	CABLE + WIRELESS WORLDWIDE COMMON STOCK GBP.05	56,039	28,178
16,788.000	BHP BILLITON PLC COMMON STOCK USD.5	339,251	575,677
19,786.000	STANDARD CHARTERED PLC COMMON STOCK USD.5	370,563	451,032
454,818.000	LLOYDS BANKING GROUP PLC COMMON STOCK GBP.1	527,088	248,790
68,903.000	TESCO PLC COMMON STOCK GBP.05	558,781	424,757
24,650.000	GLAXOSMITHKLINE PLC COMMON STOCK GBP.25	486,306	525,987
150,004.000	BARCLAYS PLC COMMON STOCK GBP.25	636,148	417,047
48,053.000	ICAP PLC COMMON STOCK GBP.1	419,213	371,729
15,995.000	KAZAKHMYN PLC COMMON STOCK GBP.2	383,729	284,139
24,795.000	UNILEVER PLC COMMON STOCK GBP.0311	740,172	833,288
208,872.000	VODAFONE GROUP PLC COMMON STOCK USD.142857	483,289	547,555
32,425.000	EURASIAN NATURAL RESOURCES COMMON STOCK USD.2	351,922	360,069
34,357.000	WPP PLC COMMON STOCK GBP.1	424,940	360,265
47,795.000	ARM HOLDINGS PLC COMMON STOCK GBP.0005	97,344	443,587
25,056.000	AUTONOMY CORPORATION PLC COMMON STOCK GBP.0033	343,751	1,028,096
40,810.000	BRITISH SKY BROADCASTING GROUP COMMON STOCK GBP.5	422,138	438,895
16,211.000	SCHROEDERS PLC COMMON STOCK GBP.1	417,523	391,710
17,611.000	STANDARD CHARTERED PLC COMMON STOCK USD.5	356,891	401,452
54,303.000	PRUDENTIAL PLC COMMON STOCK GBP.05	639,139	548,639
27,888.000	BG GROUP PLC COMMON STOCK GBP.1	464,692	604,843
90,673.000	TESCO PLC COMMON STOCK GBP.05	484,756	558,959
19,866.000	VEDANTA RESOURCES PLC COMMON STOCK USD.1	601,547	454,796
14,761.000	ANGLO AMERICAN PLC COMMON STOCK USD.54945	619,281	617,089
58,268.000	ROLLS ROYCE HOLDINGS PLC COMMON STOCK GBP.2	590,247	607,199
26,123.000	BHP BILLITON PLC COMMON STOCK USD.5	989,537	895,783
44,742.000	DIAGEO PLC COMMON STOCK GBP.893518	890,828	903,355
38,490.000	STANDARD CHARTERED PLC COMMON STOCK USD.5	1,014,168	877,399
35,353.000	BG GROUP PLC COMMON STOCK GBP.1	942,548	766,746
46,510.000	XSTRATA PLC COMMON STOCK USD.5	348,382	817,126
21,800.000	ANGLO AMERICAN PLC COMMON STOCK USD.54945	1,090,961	911,356
37,396.000	ROLLS ROYCE HOLDINGS PLC COMMON STOCK GBP.2	375,842	389,696
4,400.000	HSBC HOLDINGS PLC COMMON STOCK USD.5	51,089	37,986
21,000.000	LI + FUNG LTD COMMON STOCK HKD.0125	41,856	37,850

Shares/Par	Description	Cost - Base	Market Value - Base
40,700.000	WHARF HOLDINGS LTD COMMON STOCK HKD1.0	208,329	259,154
128,052 000	HONG KONG + CHINA GAS COMMON STOCK HKD.25	255,138	301,158
17,000.000	BOC HONG KONG HOLDINGS LTD COMMON STOCK HKD5.0	36,947	46,594
3,000.000	SUN HUNG KAI PROPERTIES COMMON STOCK HKD.5	31,565	42,248
7,000.000	SWIRE PACIFIC LTD A COMMON STOCK HKD.6	92,317	93,367
2,500.000	WING HANG BANK LTD COMMON STOCK HKD1 0	32,824	23,958
29,000.000	SJM HOLDINGS LTD COMMON STOCK HKD1.0	67,964	66,491
29,100.000	SAMSONITE INTERNATIONAL SA COMMON STOCK USD 01	54,247	52,300
121,400.000	AIA GROUP LTD COMMON STOCK USD1.	342,504	426,244
26,000 000	LINK REIT REIT NPV	57,535	90,620
37,345.000	HSBC HOLDINGS PLC COMMON STOCK USD.5	325,335	322,409
214,000.000	CHINA OVERSEAS LAND + INVEST COMMON STOCK HKD.1	401,803	454,393
137,400.000	WEICHAI POWER CO LTD H COMMON STOCK CNY1.0	226,646	684,385
37,000.000	WING HANG BANK LTD COMMON STOCK HKD1 0	401,133	354,579
44,000.000	PING AN INSURANCE GROUP CO H COMMON STOCK CNY1.0	300,464	352,185
1,026,000.000	GOME ELECTRICAL APPLIANCES COMMON STOCK HKD.025	357,754	439,922
110,000.000	CHINA SHENHUA ENERGY CO H COMMON STOCK CNY1.0	520,751	509,779
1,174,240.000	CHINA STATE CONSTRUCTION INT COMMON STOCK HKD 025	594,646	934,610
494,070.000	CHINA CONSTRUCTION BANK H COMMON STOCK CNY1.0	276,555	366,605
429,090.000	GUANGZHOU AUTOMOBILE GROUP H COMMON STOCK CNY1 0	195,026	464,363
246,000.000	CHINA RESOURCES LAND LTD COMMON STOCK HKD.1	489,032	401,071
200,000.000	CHINA UNICOM HONG KONG LTD COMMON STOCK HKD 1	364,844	423,639
272,000.000	LI + FUNG LTD COMMON STOCK HKD.0125	465,052	490,251
23,600.000	TENCENT HOLDINGS LTD COMMON STOCK HKD.0001	200,952	560,487
66,000.000	PING AN INSURANCE GROUP CO H COMMON STOCK CNY1.0	669,715	528,278
500,000.000	AGILE PROPERTY HOLDINGS LTD COMMON STOCK HKD.1	588,729	676,539
217,600.000	CHINA MERCHANTS BANK H COMMON STOCK CNY1.0	550,436	464,271
708,000.000	IND + COMM BK OF CHINA H COMMON STOCK CNY1 0	475,818	465,356
317,000.000	CHINA LONGYUAN POWER GROUP H COMMON STOCK CNY1.0	286,316	287,714
7,424.000	HANG LUNG PROPERTIES LTD COMMON STOCK HKD1	26,443	27,496
72,000.000	CHINA MOBILE LTD COMMON STOCK HKD.1	952,091	730,200
53,000.000	CHEUNG KONG HOLDINGS LTD COMMON STOCK HKD 5	810,033	743,666
429,000.000	PETROCHINA CO LTD H COMMON STOCK CNY1.0	505,934	552,934
126,000.000	CHINA LIFE INSURANCE CO H COMMON STOCK CNY1 0	503,521	316,389
19,400.000	CHINA PACIFIC INSURANCE GR H COMMON STOCK CNY1.	70,743	75,835
24,347.000	BANK LEUMI LE ISRAEL COMMON STOCK ILS 1	119,934	89,916
6,665.000	ISRAEL CHEMICALS LTD COMMON STOCK ILS1.	105,095	96,322
10,000.000	AJINOMOTO CO INC COMMON STOCK	114,059	117,955
299.000	YAHOO JAPAN CORP COMMON STOCK	111,327	96,460
6,200 000	TREND MICRO INC COMMON STOCK	226,314	194,829
40.000	NTT DOCOMO INC COMMON STOCK	63,819	72,499
3,500.000	ORACLE CORP JAPAN COMMON STOCK	162,083	116,209
1,300.000	CANON INC COMMON STOCK	61,082	61,115
11,400.000	MITSUBISHI UFJ FINANCIAL GRO COMMON STOCK	90,944	51,283
1,500.000	FANUC CORP COMMON STOCK	166,143	247,548
1,700.000	HAMAMATSU PHOTONICS KK COMMON STOCK	63,403	69,027
50,000.000	HITACHI LTD COMMON STOCK	269,770	270,041
2,000.000	IBIDEN CO LTD COMMON STOCK	51,114	48,699
3,000.000	JGC CORP COMMON STOCK	54,876	84,621
9,000 000	KAWASAKI KISEN KAISHA LTD COMMON STOCK	31,497	23,068
1,600.000	KEYENCE CORP COMMON STOCK	329,932	427,462
6,300.000	KURITA WATER INDUSTRIES LTD COMMON STOCK	177,579	167,077
2,000.000	TOKIO MARINE HOLDINGS INC COMMON STOCK	72,927	54,217
6,000 000	SUMITOMO MITSUI FINANCIAL GR COMMON STOCK	181,744	176,932
900.000	MISUMI GROUP INC COMMON STOCK	19,042	21,161

Shares/Par	Description	Cost - Base	Market Value - Base
11,600.000	MITSUBISHI CORP COMMON STOCK	292,205	277,144
25,000.000	MITSUI OSK LINES LTD COMMON STOCK	158,696	105,270
8,900.000	MURATA MANUFACTURING CO LTD COMMON STOCK	456,059	542,356
600 000	NINTENDO CO LTD COMMON STOCK	142,472	105,139
11,500.000	DENSO CORP COMMON STOCK	352,466	364,986
4,400.000	NISSAN MOTOR CO LTD COMMON STOCK	39,237	40,105
600.000	SMC CORP COMMON STOCK	70,008	94,625
17,600.000	SOFTBANK CORP COMMON STOCK	350,320	581,603
800.000	SHIMAMURA CO LTD COMMON STOCK	74,809	79,508
17,000 000	SUMITOMO CHEMICAL CO LTD COMMON STOCK	78,062	70,917
12,800.000	SUMITOMO CORP COMMON STOCK	145,100	166,382
4,700.000	SUZUKI MOTOR CORP COMMON STOCK	64,496	96,127
1,100.000	TDK CORP COMMON STOCK	36,823	48,045
6,800 000	SYSMEX CORP COMMON STOCK	208,391	255,656
900.000	TERUMO CORP COMMON STOCK	41,007	47,254
2,300.000	TOKYO ELECTRON LTD COMMON STOCK	129,051	109,932
22.000	DAI ICHI LIFE INSURANCE COMMON STOCK	33,160	25,519
30,000.000	ASAHI GLASS CO LTD COMMON STOCK	406,640	293,448
12,800.000	CANON INC COMMON STOCK	418,002	601,752
4,000 000	FANUC CORP COMMON STOCK	541,204	660,128
126,000.000	SUMITOMO MITSUI TRUST HOLDIN COMMON STOCK	604,192	425,108
33,800.000	MITSUI + CO LTD COMMON STOCK	560,983	575,488
2,500.000	NINTENDO CO LTD COMMON STOCK	362,486	438,080
10,900.000	SHIN ETSU CHEMICAL CO LTD COMMON STOCK	588,747	548,777
27,300.000	SUMITOMO CORP COMMON STOCK	384,492	354,861
19,800.000	THK CO LTD COMMON STOCK	429,803	405,218
6,150.000	YAMADA DENKI CO LTD COMMON STOCK	418,020	449,568
12,800.000	ASTELLAS PHARMA INC COMMON STOCK	492,265	481,737
71,000.000	BANK OF YOKOHAMA LTD/THE COMMON STOCK	438,204	354,675
17,200 000	CANON INC COMMON STOCK	736,075	808,605
713.000	RAKUTEN INC COMMON STOCK	684,502	804,654
3,700.000	FANUC CORP COMMON STOCK	317,740	610,619
20,600.000	KOMATSU LTD COMMON STOCK	689,467	545,508
37,000.000	NGK INSULATORS LTD COMMON STOCK	654,821	575,298
3,700.000	SMC CORP COMMON STOCK	536,335	583,523
9,100.000	TERUMO CORP COMMON STOCK	471,512	477,789
22,500.000	TOYOTA MOTOR CORP COMMON STOCK	835,534	804,433
19,200 000	CANON INC COMMON STOCK	959,973	902,628
8,100.000	FANUC CORP COMMON STOCK	873,783	1,336,760
14,000.000	KOMATSU LTD COMMON STOCK	413,954	370,734
274,200.000	GENTING BHD COMMON STOCK MYR.1	557,131	865,895
212,200.000	SIME DARBY BERHAD COMMON STOCK MYR.5	600,684	625,289
6,382.000	SEADRILL LTD COMMON STOCK USD2.	126,518	207,484
20,770.000	SUBSEA 7 SA COMMON STOCK USD2.	392,376	484,206
42,761.000	TELENOR ASA COMMON STOCK NOK6.	714,437	717,080
23,850 000	STATOIL ASA COMMON STOCK NOK2.5	611,434	575,182
9,994.000	HENNES + MAURITZ AB B SHS COMMON STOCK NPV	303,955	312,271
8,100.000	ASSA ABLOY AB B COMMON STOCK NPV	143,755	188,922
2,100.000	SVENSKA HANDELSBANKEN A SHS COMMON STOCK NPV	59,403	57,879
5,034.000	LUNDIN PETROLEUM AB COMMON STOCK NPV	67,363	76,656
27,237.000	SANDVIK AB COMMON STOCK NPV	341,532	364,794
4,999.000	MILLICOM INTL CELLULAR SDR RECEIPT USD1.5	306,886	563,213
22,600.000	INVESTOR AB B SHS COMMON STOCK NPV	546,631	446,707
45,400.000	ATLAS COPCO AB A SHS COMMON STOCK NPV	627,258	1,028,025
39,000.000	VOLVO AB B SHS COMMON STOCK NPV	454,804	486,263

Shares/Par	Description	Cost - Base	Market Value - Base
44,681.000	SANDVIK AB COMMON STOCK NPV	437,848	598,427
17,433.000	DBS GROUP HOLDINGS LTD COMMON STOCK NPV	149,943	192,129
73,079.000	OLAM INTERNATIONAL LTD COMMON STOCK NPV	164,113	157,434
44,000.000	DBS GROUP HOLDINGS LTD COMMON STOCK NPV	295,462	484,924
73,154.000	DBS GROUP HOLDINGS LTD COMMON STOCK NPV	721,190	806,230
47,506.000	UNITED OVERSEAS BANK LTD COMMON STOCK NPV	729,479	732,989
35,901.000	MTN GROUP LTD COMMON STOCK ZAR.0001	505,318	739,898
-3,300,000.000	OCD001077 FVA USD 1Y2Y MYC NOV11 001 CALL	-35,910	-33,477
-500,000.000	317513GS2 OCT11 .01 CALL	-2,540	-1,558
-2,400,000.000	317513JZ3 CDX.O P 1.2 5Y MYC DEC11 1.2 PUT	-11,040	-21,493
-1,500,000.000	317U077C4 IRO USD 10Y P 4.25 R OCT11 4.25 PUT	-11,250	-4
-1,800,000.000	317512MS7 CDX O P 1 2 5Y BRC SEP11 1 2 PUT	-4,590	-5,212
-22,500.000	EURODOLLAR FTR OPTN SEP11 99.375 CALL	-3,953	-5,850
-22,500.000	EURODOLLAR FTR OPTN SEP11 99.375 PUT	-5,228	-56
-6,000.000	10YR US TREASURY NOTE FTR OPTN OCT11 124 PUT	-3,227	-188
-6,000.000	10YR US TREASURY NOTE FTR OPTN OCT11 128 CALL	-3,741	-9,469
4,000,000.000	SWU0989N2 IRS BRL R F 11.91000 BRL IRS BRL R F 11.91000	2,268,978	2,591,317
3,800,000.000	SWU0A0HU2 IRS BRL R F 12.12000 HUS IRS BRL R F 12 12000	2,155,293	2,500,451
2,000,000.000	SWU097755 IRS BRL R F 11.93500 BRL IRS BRL R F 11.93500	1,149,392	1,291,067
1,800,000.000	SWU026GJ4 IRS BRL R F 11 82000	1,032,812	1,156,302
1,800,000.000	SWU0A0AU9 IRS BRL R F 11.86000	1,024,559	1,158,289
600,000.000	SWU096070 IRS BRL R F 11.98000 MYC IRS BRL R F 11.98000	354,408	390,258
600,000.000	SWU0A0196 IRS BRL R F 11.89000 HUS IRS BRL R F 11.89000	354,215	389,380
-600,000.000	SWU096070 IRS BRL P V 01MBRCDI MYC IRS BRL P V 01MBRCDI	-349,650	-377,786
-600,000.000	SWU0A0196 IRS BRL P V 00MBRCDI HUS IRS BRL P V 00MBRCDI	-350,263	-377,786
-1,800,000.000	SWU0A0AU9 IRS BRL P V 00MBRCDI	-1,022,244	-1,133,359
-1,800,000.000	SWU026GJ4 IRS BRL P V 01MBZDIO	-1,030,928	-1,133,359
-2,000,000.000	SWU097755 IRS BRL P V 00MBRCDI BRL IRS BRL P V 00MBRCDI	-1,143,511	-1,259,287
-3,800,000.000	SWU0A0HU2 IRS BRL P V 01MBSCW HUS IRS BRL P V 01MBSCW	-2,146,097	-2,392,646
-4,000,000.000	SWU0989N2 IRS BRL P V 00MBRCDI BRL IRS BRL P V 00MBRCDI	-2,250,985	-2,518,735
800,000.000	SWPC743B5 CDS USD R V 00MEVENT	800,000	769,869
800,000.000	SWPC767B6 CDS USD R V 00MEVENT	800,000	737,804
500,000.000	JCP061610 CDS USD R V 00MEVENT	516,824	500,000
500,000.000	KIM061610 CDS USD R V 00MEVENT	506,373	500,000
500,000.000	LUV0613L0 CDS USD R V 00MEVENT	500,000	500,000
-500,000.000	JCP061610 CDS USD P F 1.00000	-500,000	-463,598
-500,000.000	KIM061610 CDS USD P F 1.00000 49446QAV3	-500,000	-483,589
-500,000.000	LUV0613L0 CDS USD P F 1.40000	-500,000	-504,755
-800,000.000	SWPC743B5 CDS USD P F 3.32000	-800,000	-800,000
-800,000.000	SWPC767B6 CDS USD P F 1 85000	-800,000	-800,000
4,574.620	PIMCO ABSOLUTE RTN STRATEGY FD IV OFFSHORE FUND 2 SERIES 1	6,467,637	9,588,009
8,674.088	BARLOW PARTNERS OFFSHORE LTD	11,584,763	15,453,313
46,391.833	QUELLOS STRATEGIC PARTNERS INC CLASS C 2008 SERIES 1	42,122,697	47,781,536
137,223.465	WINSTON PARTNERS WINSTON PARTNERS	15,860,047	21,918,810
2,448,244.580	INTERSOUTH PARTNERS IV	2,448,245	723,912
4,001,765.000	INTERSOUTH PARTNERS V LP	4,001,765	1,894,876
3,938,128.000	INTERSOUTH PARTNERS VI LIMITED PARTNERSHIP	3,938,128	3,172,316
3,681,992.750	MISSION VENTURES II LP	3,681,993	1,010,663
4,919,066.000	SPRAY VENTURE PARTNERS II	4,919,066	4,975,183
2,333,936.570	SPRAY VENTURE FUND LP	2,333,937	655,264
2,826,836.260	LIFE SCIENCES VENTURES II LP	2,826,836	980,140
2,611,003.280	NORTH CAROLIN BIOSCIENCE FD	2,611,003	0
10,466,948.860	HAMILTON LANE ADVISTORS PVT. EQUITY PARTNERSHIP	10,466,949	12,024,975

TOTAL

243,021,166

**Application for Extension of Time To File an
Exempt Organization Return**

OMB No. 1545-1709

► **File a separate application for each return.**

- If you are filing for an **Automatic 3-Month Extension**, complete only **Part I** and check this box ☒ **►**
- If you are filing for an **Additional (Not Automatic) 3-Month Extension**, complete only **Part II** (on page 2 of this form).

Do not complete Part II unless you have already been granted an automatic 3-month extension on a previously filed Form 8868.

Electronic filing (e-file). You can electronically file Form 8868 if you need a 3-month automatic extension of time to file (6 months for a corporation required to file Form 990-T), or an additional (not automatic) 3-month extension of time. You can electronically file Form 8868 to request an extension of time to file any of the forms listed in Part I or Part II with the exception of Form 8870, Information Return for Transfers Associated With Certain Personal Benefit Contracts, which must be sent to the IRS in paper format (see instructions). For more details on the electronic filing of this form, visit www.irs.gov/efile and click on **e-file for Charities & Nonprofits**.

Part I Automatic 3-Month Extension of Time. Only submit original (no copies needed).

A corporation required to file Form 990-T and requesting an automatic 6-month extension—check this box and complete Part I only ☐ **►**

All other corporations (including 1120-C filers), partnerships, REMICs, and trusts must use Form 7004 to request an extension of time to file income tax returns.

Enter filer's identifying number, see instructions

Type or print	Name of exempt organization or other filer, see instructions. THE BURROUGHS WELLCOME FUND	Employer identification number (EIN) or ☒ 23-7225395
	Number, street, and room or suite no. If a P.O. box, see instructions. 21 T.W. ALEXANDER DRIVE, P.O. BOX 13901	Social security number (SSN) ☐
	City, town or post office, state, and ZIP code. For a foreign address, see instructions. RESEARCH TRIANGLE PARK, NC 27709-3901	

Enter the Return code for the return that this application is for (file a separate application for each return)

0 4

Application Is For	Return Code	Application Is For	Return Code
Form 990	01	Form 990-T (corporation)	07
Form 990-BL	02	Form 1041-A	08
Form 990-EZ	01	Form 4720	09
Form 990-PF	04	Form 5227	10
Form 990-T (sec. 401(a) or 408(a) trust)	05	Form 6069	11
Form 990-T (trust other than above)	06	Form 8870	12

- The books are in the care of ► **KEN BROWNDORF**

Telephone No. ► **919-991-5108**

FAX No. ►

- If the organization does not have an office or place of business in the United States, check this box ☐ **►**
- If this is for a Group Return, enter the organization's four digit Group Exemption Number (GEN) If this is for the whole group, check this box ☐ **►**. If it is for part of the group, check this box ☐ **►** and attach a list with the names and EINs of all members the extension is for.

- 1** I request an automatic 3-month (6 months for a corporation required to file Form 990-T) extension of time until **APRIL 16**, 20 **12**, to file the exempt organization return for the organization named above. The extension is for the organization's return for:
► ☐ calendar year 20 ____ or

► ☒ tax year beginning **SEPTEMBER 1**, 20 **10**, and ending **AUGUST 31**, 20 **11**.

- 2** If the tax year entered in line 1 is for less than 12 months, check reason: ☐ Initial return ☐ Final return
☐ Change in accounting period

3a If this application is for Form 990-BL, 990-PF, 990-T, 4720, or 6069, enter the tentative tax, less any nonrefundable credits. See instructions.	3a	\$	900,000
b If this application is for Form 990-PF, 990-T, 4720, or 6069, enter any refundable credits and estimated tax payments made. Include any prior year overpayment allowed as a credit.	3b	\$	0
c Balance due. Subtract line 3b from line 3a. Include your payment with this form, if required, by using EFTPS (Electronic Federal Tax Payment System). See instructions.	3c	\$	900,000

Caution. If you are going to make an electronic fund withdrawal with this Form 8868, see Form 8453-EO and Form 8879-EO for payment instructions.

For Privacy Act and Paperwork Reduction Act Notice, see Instructions.

Cat No. 27916D

Form **8868** (Rev. 1-2012)