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Department of the Treasury
Internal Revenue ServiceReturn of Private Foundation
or Section 4947(a)(1) Nonexempt Charitable Trust
Treated as a Private Foundation

OMB No 1545-0052

2011

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

For calendar year 2011, or tax year beginning Sep 1, 2011, and ending Aug 31, 2012

Name of foundation The Robert A. Welch Foundation		A Employer identification number 76-0343128
Number and street (or P.O. box number if mail is not delivered to street address) 5555 San Felipe		B Telephone number (see the instructions) (713) 961-9884
City or town Houston	State ZIP code TX 77056-2730	C If exemption application is pending, check here ☐
G Check all that apply: ☐ Initial return ☐ Final return ☐ Address change ☐ Initial Return of a former public charity ☐ Amended return ☐ Name change		D 1 Foreign organizations, check here ☐ 2 Foreign organizations meeting the 85% test, check here and attach computation ☐
H Check type of organization: ☒ Section 501(c)(3) exempt private foundation ☐ Section 4947(a)(1) nonexempt charitable trust ☐ Other taxable private foundation		E If private foundation status was terminated under section 507(b)(1)(A), check here ☐
I Fair market value of all assets at end of year (from Part II, column (c), line 16) \$ 596,206,068.	J Accounting method: ☒ Cash ☐ Accrual ☐ Other (specify) _____ (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) (see instructions).)		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)	
REVENUE	1 Contributions, gifts, grants, etc. received (att sch)	0.				
	2 Cl ☒ if the foundn is not req to att Sch B					
	3 Interest on savings and temporary cash investments	1,286.	1,288.			
	4 Dividends and interest from securities	6,446,688.	11,323,811.			
	5a Gross rents	200.	200.			
	b Net rental income or (loss)	200.				
	6a Net gain/(loss) from sale of assets not on line 10	11,041,694.				
	b Gross sales price for all assets on line 6a	118,819,895.				
	7 Capital gain net income (from Part IV, line 2)		19,104,486.			
	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/(loss) (att sch)						
11 Other income (attach schedule)	Schedule 8	3,285,091.	4,730,964.			
12 Total. Add lines 1 through 11		20,774,959.	35,160,749.			
ADMINISTRATIVE EXPENSES	13 Compensation of officers, directors, trustees, etc.	579,696.	358,947.		230,162.	
	14 Other employee salaries and wages	527,965.	283,366.		247,718.	
	15 Pension plans, employee benefits	275,603.	154,891.		115,270.	
	16a Legal fees (attach schedule)	21,581.	9,689.		11,893.	
	b Accounting fees (attach sch)	83,865.	41,932.		41,933.	
	c Other prof fees (attach sch)	3,360,580.	4,132,133.		8,136.	
	17 Interest					
	18 Taxes (attach schedule)(see instrs)	Schedule 2	416,182.	549,187.		
	19 Depreciation (attach sch) and depletion		11,231.	34,926.		
	20 Occupancy		215,787.	108,281.		107,506.
	21 Travel, conferences, and meetings		11,927.	5,920.		2,136.
	22 Printing and publications		34,880.	3,488.		31,392.
	23 Other expenses (attach schedule)	Schedule 3	688,841.	1,003,959.		530,036.
	24 Total operating and administrative expenses. Add lines 13 through 23		6,228,138.	6,686,719.		1,326,182.
	25 Contributions, gifts, grants paid		32,347,162.			23,411,861.
26 Total expenses and disbursements. Add lines 24 and 25		38,575,300.	6,686,719.		24,738,043.	
27 Subtract line 26 from line 12:						
a Excess of revenue over expenses and disbursements		-17,800,341.				
b Net investment income (if negative, enter 0)			28,474,030.			
c Adjusted net income (if negative, enter 0)						

G14 ✓

Part II Balance Sheets		Attached schedules and amounts in the description column should be for end-of-year amounts only (See instructions.)		Beginning of year	End of year	
		(a) Book Value	(b) Book Value	(c) Fair Market Value		
ASSETS	1	Cash — non-interest-bearing		3,700.	3,700.	3,700.
	2	Savings and temporary cash investments		6,481,724.	5,369,517.	5,372,909.
	3	Accounts receivable	83,624.			
		Less: allowance for doubtful accounts		316,415.	83,624.	83,624.
	4	Pledges receivable				
		Less: allowance for doubtful accounts				
	5	Grants receivable				
	6	Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions)				
	7	Other notes and loans receivable (attach sch)				
		Less: allowance for doubtful accounts				
	8	Inventories for sale or use				
	9	Prepaid expenses and deferred charges				
	10a	Investments — U.S. and state government obligations (attach schedule)	Sched. 4a.....	79,411,932.	79,560,116.	85,652,765.
	b	Investments — corporate stock (attach schedule)	Sched. 4b.....	266,136,200.	244,176,827.	285,257,318.
	c	Investments — corporate bonds (attach schedule)	Sched. 4c.....	24,402,034.	20,795,202.	30,124,052.
	11	Investments — land, buildings, and equipment basis				
	Less: accumulated depreciation (attach schedule)					
12	Investments — mortgage loans					
13	Investments — other (attach schedule)		150,243,156.	167,840,489.	187,111,559.	
14	Land, buildings, and equipment basis	1,104,277.				
	Less: accumulated depreciation (attach schedule)	1,025,168.	90,340.	79,109.	79,109.	
15	Other assets (describe <u>Schedule 4</u>)		2,371,770.	2,492,586.	2,521,032.	
16	Total assets (to be completed by all filers — see the instructions. Also, see page 1, item I)		529,457,271.	520,401,170.	596,206,068.	
LIABILITIES	17	Accounts payable and accrued expenses		254,161.	540,002.	
	18	Grants payable		6,575,000.	15,806,750.	
	19	Deferred revenue				
	20	Loans from officers, directors, trustees, & other disqualified persons				
	21	Mortgages and other notes payable (attach schedule)				
	22	Other liabilities (describe <u>Schedule 4</u>)		861,856.	963,960.	
23	Total liabilities (add lines 17 through 22)		7,691,017.	17,310,712.		
NET ASSETS OR FUND BALANCES	Foundations that follow SFAS 117, check here ☒ and complete lines 24 through 26 and lines 30 and 31.					
	24	Unrestricted		-5,952,503.	-15,747,504.	
	25	Temporarily restricted		477,157.	471,554.	
	26	Permanently restricted		527,241,600.	518,366,408.	
	Foundations that do not follow SFAS 117, check here ☐ and complete lines 27 through 31.					
	27	Capital stock, trust principal, or current funds				
	28	Paid-in or capital surplus, or land, building, and equipment fund				
	29	Retained earnings, accumulated income, endowment, or other funds				
	30	Total net assets or fund balances (see instructions)		521,766,254.	503,090,458.	
	31	Total liabilities and net assets/fund balances (see instructions)		529,457,271.	520,401,170.	

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	521,766,254.
2	Enter amount from Part I, line 27a	2	-17,800,341.
3	Other increases not included in line 2 (itemize)	3	
4	Add lines 1, 2, and 3	4	503,965,913.
5	Decreases not included in line 2 (itemize)	5	875,455.
6	Total net assets or fund balances at end of year (line 4 minus line 5) — Part II, column (b), line 30	6	503,090,458.

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 shares MLC Company)

(b) How acquired
P — Purchase
D — Donation(c) Date acquired
(month, day, year)(d) Date sold
(month, day, year)

1a See schedule 7

b			
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			
b			
c			
d			
e			

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

(i) Fair Market Value as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of column (i) over column (j), if any	(l) Gains (Column (h) gain minus column (k), but not less than -0-) or Losses (from column (h))
a			
b			
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	19,104,486.
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) (see instructions). If (loss), enter -0- in Part I, line 8	[]	3	-422,713.

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

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

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

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

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

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

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (column (b) divided by column (c))
2010	30,657,384.	610,340,305.	0.050230
2009	27,715,253.	555,664,895.	0.049878
2008	24,539,316.	491,641,819.	0.049913
2007	32,296,476.	658,758,417.	0.049026
2006	31,821,365.	658,601,889.	0.048317

2 Total of line 1, column (d)	2	0.247364
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	0.049473
4 Enter the net value of noncharitable-use assets for 2011 from Part X, line 5	4	585,055,132.
5 Multiply line 4 by line 3	5	28,944,433.
6 Enter 1% of net investment income (1% of Part I, line 27b)	6	284,740.
7 Add lines 5 and 6	7	29,229,173.
8 Enter qualifying distributions from Part XII, line 4	8	24,738,043.

If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate. See the Part VI instructions.

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

1 a 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 instrs)			
b Domestic foundations that meet the section 4940(e) requirements in Part V, check here ☐ and enter 1% of Part I, line 27b		1	569,481.
c All other domestic foundations enter 2% of line 27b. Exempt foreign organizations enter 4% of Part I, line 12, column (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	569,481.
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	569,481.
6 Credits/Payments:			
a 2011 estimated tax pmts and 2010 overpayment credited to 2011	6a	810,762.	
b Exempt foreign organizations — tax withheld at source	6b		
c Tax paid with application for extension of time to file (Form 8868)	6c		
d Backup withholding erroneously withheld	6d		
7 Total credits and payments. Add lines 6a through 6d	7	810,762.	
8 Enter any penalty for underpayment of estimated tax. Check here ☐ if Form 2220 is attached	8		
9 Tax due. If the total of lines 5 and 8 is more than line 7, enter amount owed	9		
10 Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid	10	241,281.	
11 Enter the amount of line 10 to be Credited to 2012 estimated tax	11	241,281.	Refunded

Part VII-A Statements Regarding Activities

	Yes	No
1 a During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign?		X
b Did it spend more than \$100 during the year (either directly or indirectly) for political purposes (see the instructions for definition)?		X
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		
c Did the foundation file Form 1120-POL for this year?		X
d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year. (1) On the foundation \$ (2) On foundation managers \$		
e Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers \$		
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
4 a 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?		
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, column (c), and Part XV	X	
8 a Enter the states to which the foundation reports or with which it is registered (see instructions) TX - Texas		
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 2011 or the taxable year beginning in 2011 (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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Form 990-PF (2011)

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 make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If 'Yes,' attach statement (see instructions)	12		X
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application?	13	X	
Website address <u>welch1.org</u>				
14	The books are in care of <u>Norbert Dittrich</u> Telephone no. <u>(713) 961-9884</u>			
Located at <u>5555 San Felipe, Suite 1900 Houston TX</u> ZIP + 4 <u>77056-2730</u>				
15	Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 - Check here	☐		
and enter the amount of tax-exempt interest received or accrued during the year <u>15</u>				
16	At any time during calendar year 2011, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country?	16		X
See the instructions for exceptions and filing requirements for Form TD F 90-22.1. If 'Yes,' enter the name of the foreign country ▶				

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

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

	Yes	No
1a During the year did the foundation (either directly or indirectly)		
(1) Engage in the sale or exchange, or leasing of property with a disqualified person?	☐ Yes ☒ No	
(2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person?	☐ Yes ☒ No	
(3) Furnish goods, services, or facilities to (or accept them from) a disqualified person?	☐ Yes ☒ No	
(4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person?	☒ Yes ☐ No	
(5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)?	☐ Yes ☒ No	
(6) Agree to pay money or property to a government official? (Exception. Check 'No' if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days)	☐ Yes ☒ No	
b If any answer is 'Yes' to 1a(1)-(6), did any of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance (see instructions)?	1b	X
Organizations relying on a current notice regarding disaster assistance check here	☐	
c Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2011?	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 2011, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2011?	☐ Yes ☒ No	
If 'Yes,' list the years ▶ 20__ , 20__ , 20__ , 20__		
b Are there any years listed in 2a for which the foundation is not applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to all years listed, answer 'No' and attach statement - see instructions)	2b	
c If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here ▶ 20__ , 20__ , 20__ , 20__		
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 2011 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 2011)	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 2011?	4b	X

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Form 990-PF (2011)

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)? (see instructions) ☐ Yes ☒ No
- (5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals? ☐ Yes ☒ No

b If any answer is 'Yes' to 5a(1)-(5), did any of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance (see instructions)?Organizations relying on a current notice regarding disaster assistance check here ☐**c** If the answer is 'Yes' to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant? ☐ Yes ☐ No

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

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

If 'Yes' to 6b, file Form 8870

7a At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction? ☐ Yes ☒ No**b** If 'Yes,' did the foundation receive any proceeds or have any net income attributable to the transaction? ☐ Yes ☒ No**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 (see instructions).

(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
See schedule 6				

2 Compensation of five highest-paid employees (other than those included on line 1— see instructions). 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
Ronald G. Page 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Controller 40.00	164,542.	7,325.	1,357.
Carolyn Kahlich 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Senior Acct. 40.00	101,682.	4,525.	295.
Kathy Kirk 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Adm. Asst. 40.00	84,089.	3,777.	752.
Carla Atmar 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Grant Prog.Coordinator 40.00	82,500.	3,663.	232.
Sherry White 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Staff Acct. 40.00	64,258.	2,849.	182.

Total number of other employees paid over \$50,000 ☐ 2

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors (continued)**3** Five highest-paid independent contractors for professional services (see instructions). If none, enter 'NONE.'

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
Wellington Trust Company, NA 75 State Street Boston MA 02109	Investment Manager	610,345.
RWF Fund, LP 100 Summer Street Boston MA 02110	Investment Manager	516,704.
Silchester International Investors 780 Third Avenue, 42nd Floor New York NY 10017	Investment Manager	473,497.
Iridian Asset Management LLC 276 Post Road West Westport CT 06880	Investment Manager	343,724.
Manning & Napier Advisors, Inc. 290 Woodcliff Drive Fairport NY 14450	Investment Manager	271,105.
Total number of others receiving over \$50,000 for professional services		8

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 The Robert A. Welch Foundation Award in Chemistry (Schedule 10)	740,427.
2 The 55th Annual Robert A. Welch Foundation Conference on Chemical Research (approximately 508 attendees)	304,002.
3 Norman Hackerman Award in Chemical Research (schedule 10)	236,432.
4	

Part IX-B Summary of Program-Related Investments (see instructions)

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2.	Amount
1	
2	
All other program-related investments. See instructions.	
3	
Total. Add lines 1 through 3	

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Form 990-PF (2011)

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	585,741,087.
b Average of monthly cash balances	1b	226,009.
c Fair market value of all other assets (see instructions)	1c	7,997,505.
d Total (add lines 1a, b, and c)	1d	593,964,601.
e Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation)	1e	
2 Acquisition indebtedness applicable to line 1 assets	2	
3 Subtract line 2 from line 1d	3	593,964,601.
4 Cash deemed held for charitable activities. Enter 1-1/2% of line 3 (for greater amount, see instructions)	4	8,909,469.
5 Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5	585,055,132.
6 Minimum investment return. Enter 5% of line 5	6	29,252,757.

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	29,252,757.
2a Tax on investment income for 2011 from Part VI, line 5	2a	569,481.
b Income tax for 2011. (This does not include the tax from Part VI.)	2b	
c Add lines 2a and 2b	2c	569,481.
3 Distributable amount before adjustments. Subtract line 2c from line 1	3	28,683,276.
4 Recoveries of amounts treated as qualifying distributions	4	529,240.
5 Add lines 3 and 4	5	29,212,516.
6 Deduction from distributable amount (see instructions)	6	
7 Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1	7	29,212,516.

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	24,738,043.
b Program-related investments — total from Part IX-B	1b	
2 Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes	2	
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	24,738,043.
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 (see instructions)	5	0.
6 Adjusted qualifying distributions. Subtract line 5 from line 4	6	24,738,043.

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

Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2010	(c) 2010	(d) 2011
1 Distributable amount for 2011 from Part XI, line 7				29,212,516.
2 Undistributed income, if any, as of the end of 2011				
a Enter amount for 2010 only			24,181,790.	
b Total for prior years 20__, 20__, 20__				
3 Excess distributions carryover, if any, to 2011:				
a From 2006	0.			
b From 2007	0.			
c From 2008	0.			
d From 2009	0.			
e From 2010	0.			
f Total of lines 3a through e	0.			
4 Qualifying distributions for 2011 from Part XII, line 4: $\$$ 24,738,043.				
a Applied to 2010, but not more than line 2a			24,181,790.	
b Applied to undistributed income of prior years (Election required - see instructions)				
c Treated as distributions out of corpus (Election required - see instructions)				
d Applied to 2011 distributable amount				556,253.
e Remaining amount distributed out of corpus	0.			
5 Excess distributions carryover applied to 2011 (If an amount appears in column (d), the same amount must be shown in column (a))				
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				
d Subtract line 6c from line 6b Taxable amount - see instructions		0.		
e Undistributed income for 2010 Subtract line 4a from line 2a Taxable amount - see instructions			0.	
f Undistributed income for 2011. Subtract lines 4d and 5 from line 1 This amount must be distributed in 2012				28,656,263.
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (see instructions)				
8 Excess distributions carryover from 2006 not applied on line 5 or line 7 (see instructions)	0.			
9 Excess distributions carryover to 2012. Subtract lines 7 and 8 from line 6a	0.			
10 Analysis of line 9.				
a Excess from 2007	0.			
b Excess from 2008	0.			
c Excess from 2009	0.			
d Excess from 2010	0.			
e Excess from 2011	0.			

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

N/A

1 a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2011, enter the date of the ruling

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

2 a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed

Tax year	Prior 3 years			(e) Total
(a) 2011	(b) 2010	(c) 2009	(d) 2008	
b 85% of line 2a				
c Qualifying distributions from Part XII, line 4 for each year listed				
d Amounts included in line 2c not used directly for active conduct of exempt activities				
e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c				
3 Complete 3a, b, or c for the alternative test relied upon:				
a 'Assets' alternative test — enter:				
(1) Value of all assets				
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)				
b 'Endowment' alternative test — enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed				
c 'Support' alternative test — enter:				
(1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties)				
(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii)				
(3) Largest amount of support from an exempt organization				
(4) Gross investment income				

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

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

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

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

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

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

The Robert A. Welch Foundation

5555 San Felipe, Suite 1900

Houston

TX

77056-2730

(713) 961-9884

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

Schedule 10

c Any submission deadlines:

Schedule 10

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

Schedule 10

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

Recipient	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
Name and address (home or business)				
a Paid during the year See Schedule 9				23,411,861.
Total			3a	23,411,861.
b Approved for future payment See schedule 9				15,080,000.
Total			3b	15,080,000.

Taxpayer's I.D.
76-0343128

Schedule 1

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2012

	Receipts and Expenses Per Book	Net Investment Income	For Exempt Purpose
Line 15			
Insurance	192,474	107,677	79,356
Payroll Taxes	51,484	29,635	21,849
Contribution to the Defined Contribution Plan	31,645	17,579	14,065
	<u>275,603</u>	<u>154,891</u>	<u>115,270</u>

Taxpayer's I.D.
76-0343128

Schedule 1a

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2012

	<u>Receipts and Expenses Per Book</u>	<u>Net Investment Income</u>	<u>For Exempt Purpose</u>
Line 16a - Legal Fees	21,581	9,689	11,893
Line 16b - Accounting Fees	83,865	41,932	41,933
Line 16c - Other Professional Fees			
Investment Advisors	3,105,924	3,884,035	
Custody Management Fee	49,130	49,130	
Investment Consulting	124,555	124,555	
Land and Royalty Consulting	61,800	61,800	
Other Misc. Professional Fees	<u>19,171</u>	<u>12,613</u>	<u>8,136</u>
	<u>3,360,580</u>	<u>4,132,133</u>	<u>8,136</u>

Taxpayer's I.D.
76-0343128

Schedule 2

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2012

	Receipts and Expenses Per Book	Net Investment Income	For Exempt Purpose
Line 18 - Taxes			
Production	170,347	171,337	0
Ad Valorem	66,374	66,374	0
Federal Excise Tax	179,461	0	0
Foreign Taxes Paid	0	311,476	0
	<u>416,182</u>	<u>549,187</u>	<u>0</u>

Line 19 - Depreciation Depletion, and Amortization

Depletion	0	16,505	0
Depreciation (Schedule 11)	<u>11,231</u>	<u>18,421</u>	<u>0</u>
	<u>11,231</u>	<u>34,926</u>	<u>0</u>

Taxpayer's I.D.
76-0343128

Schedule 3

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2012

	Receipts and Expenses Per Book	Net Investment Income	For Exempt Purpose
Line 23 - Other Expenses			
Bank Fees	14,319	12,772	1,547
Office Supplies	8,121	4,076	4,046
Dues and Subscriptions	31,099	17,423	13,676
Sundry	19,654	11,632	8,084
Postage	4,190	209	3,981
Insurance	88,688	50,784	34,433
Service Agreement	2,568	1,289	1,279
Visitation	1,460	0	1,460
Public Relations	7,456	746	6,709
Telephone	13,636	3,338	10,015
Computer Supplies & Maintenance	85,901	43,104	42,797
Advisory Board Fees & Expenses	354,303	0	354,303
Semiannual Meetings	38,034	0	38,034
Portfolio Deductions	0	848,845	0
Equipment Rental, Storage & Other Leases	19,412	9,741	9,672
	<u>688,841</u>	<u>1,003,959</u>	<u>530,036</u>

Taxpayer's I.D.
76-0343128

Schedule 4

The Robert A. Welch Foundation
990PF, page 2
Year Ended August 31, 2012

Part II, Line 14, Column (b)	Basis	Accumulated Depreciation	Net
Land, Buildings, and Equipment			
Leasehold Improvements	451,133	451,133	0
Furniture and Fixtures	385,787	331,444	54,343
Automobile	41,754	41,754	0
Hardware	99,755	74,989	24,766
Software	125,848	125,848	0
	<u>1,104,277</u>	<u>1,025,168</u>	<u>79,109</u>

Part II, Line 15, Column (b)	
Other Assets	
Custody Receivable	392,094
Other Receivables	37,429
Oil and Gas Royalties Receivable	217,955
Dividend Receivable	316,882
Interest Receivable	401,240
Prepaid Pension Costs	367,663
Prepaid FET	241,153
Section 10	471,553
Other Assets	46,617
	<u>2,492,586</u>

Part II, Line 22, Column (b)	
Other Liabilities	
Deferred Federal Tax Payable	963,960
	<u>963,960</u>

Amounts are reported at cost.

The Robert A. Welch Foundation
Investments-US Government Obligations
Year Ended August 31, 2012
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4a

Quantity	Security		%	Cost
4,950,000.00	UST BDS	2/15/2016	9.25%	6,910,182
3,825,000.00	UST BDS	11/15/2016	7.50%	4,680,844
6,500,000.00	UST NTS	4/30/2013	3.13%	6,487,871
2,200,000.00	UST NTS	3/31/2014	1.75%	2,239,367
2,800,000.00	UST NTS	7/31/2014	2.63%	2,826,478
3,000,000.00	UST NTS	8/15/2019	3.63%	3,091,939
5,000,000.00	UST NTS	9/30/2014	2.38%	5,022,282
4,500,000.00	UST NTS	1/15/2013	1.38%	4,491,578
2,500,000.00	UST NTS	2/28/2015	2.38%	2,574,368
2,000,000.00	UST NTS	05/31/2017	2.75%	2,050,008
3,500,000.00	UST NTS	8/15/2020	2.63%	3,473,901
3,000,000.00	UST NTS	11/15/2020	2.63%	2,833,723
2,000,000.00	UST NTS	10/31/2012	0.38%	1,999,694
3,000,000.00	UST NTS	10/31/2015	1.25%	2,987,354
2,000,000.00	UST NTS	10/31/2017	1.88%	1,929,539
3,000,000.00	UST NTS	11/30/2015	1.38%	2,919,151
1,000,000.00	UST NTS	12/15/2013	0.75%	992,269
1,250,000.00	UST NTS	01/15/2014	1.00%	1,265,043
2,000,000.00	UST NTS	03/31/2018	2.88%	2,038,758
2,500,000.00	UST NTS	04/30/2016	2.00%	2,511,981
1,500,000.00	UST NTS	04/30/2018	2.63%	1,503,053
2,500,000.00	UST NTS	08/15/2021	2.13%	2,542,744
1,000,000.00	UST NTS	02/28/2019	1.38%	997,895
2,250,000.00	UST NTS	02/28/2017	0.88%	2,244,119
2,500,000.00	UST NTS	04/30/2014	0.25%	2,499,325
750,000.00	UST NTS	05/15/2022	1.75%	757,562
2,600,000.00	UST NTS	05/31/2014	0.25%	2,597,267
700,000.00	UST NTS	05/31/2017	0.63%	696,256
1,000,000.00	UST NTS	08/15/2022	1.63%	998,910
3,500,000.00	UST TIPS	1/15/2018	1.63%	3,589,184
				<u>81,752,645</u>
Less Accumulated Amortization				<u>(2,192,529)</u>
Total Bond Cost				<u><u>79,560,116</u></u>

Amounts are reported at cost.

The Robert A. Welch Foundation
Investments-Corporate Stocks
Year Ended August 31, 2012
Form 990PF, page 2

Taxpayer's ID 76-0343128
Schedule 4b

Shares	Security	Cost
8,900	3M CO COM	646,510
14,000	ABBOTT LABS COM	727,591
73,340	ALCATEL-LUCENT SPONSORED ADR	269,984
7,480	ALLIANT TECHSYSTEMS	380,380
20,800	ALTERA CORP COM	388,856
31,300	ALTRIA GROUP	573,328
39,320	AMDOCS LTD ORD	1,244,174
29,500	AMDOCS LTD ORD	856,942
7,800	AMERICAN EXPRESS	265,887
10,580	AMGEN	603,161
33,500	ANHANGUERA EDUCATIONAL PARTI	388,856
28,925	AOL INC COM	687,726
35,710	AON PLC SHS CL A	1,477,032
6,200	APACHE CORP COM	636,903
5,600	APPLE COMPUTER INC COM	954,486
9,000	ARCOS DORADOS HLDNG IN SHS CLASS	203,052
9,500	AUTOMATIC DATA PROCESS COM	403,154
4,400	AUTOZONE	827,356
32,910	BALL	591,064
27,140	BAXTER INTL	1,364,740
4,300	BECTON DICKINSON	292,671
24,100	BERKLEY W R CORP COM	599,067
17,800	BERKSHIRE HATHAWAY INC CL B	1,417,137
1,800	BLACKROCK INC COM	299,567
6,400	CATERPILLAR INC DEL COM	457,491
14,200	CHEVRON CORP	973,981
106,800	COCA COLA	1,991,452
34,400	COMCAST CORP CL A SPL	619,023
14,100	CONOCOPHILLIPS	476,646
8,300	CORNING INC COM	114,361
22,530	COVANTA HLDG CORP COM	374,996
34,410	CROWN HOLDINGS	597,519
15,270	DIANA SHIPPING INC COM	127,937
9,600	DISNEY	367,327
5,470	DOLLAR THRIFTY AUTOMOT COM	381,974
26,805	DRESSER-RAND GROUP INC COM	1,099,387
33,210	EASTMAN CHEMICAL	1,051,553
18,800	ECOLAB	637,935
21,860	ENCANA	454,755
19,010	ENZON PHARMACEUTICALS COM	159,471
33,172	EXXON MOBIL	2,256,665
9,300	F M C CORP	490,462
11,800	FIDELITY NATL INFO SVC COM	235,888
2,680	FLOWERVE CORP COM	316,688
3,000	FRANKLIN RES INC COM	368,955

The Robert A. Welch Foundation
Investments-Corporate Stocks
Year Ended August 31, 2012
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4b

Shares	Security	Cost
12,600	FREEMPORT-MCMORAN COP&G CL B	712,976
21,600	GENERAL ELECTRIC	291,635
6,967	GOLDMAN SACHS	877,646
1,190	GOOGLE INC CL A	654,052
19,240	GRACE W R & CO DEL COM	1,031,695
38,874	HEALTH NET INC COM	953,064
4,483	HSBC HLDGS ADR	283,161
29,200	INTEL	245,347
104,350	INTERPUBLIC GROUP COS COM	1,157,872
5,800	INTL BUS MACH	780,887
27,520	INTL PAPER	788,793
900	INTUITIVE SURGICAL INC COM	249,314
14,000	JOHNSON & JOHNSON	850,496
19,000	JP MORGAN CHASE&CO	840,637
19,500	KRAFT FOODS	562,362
2,000	LAUDER ESTEE COS INC CL A	117,625
29,430	LIBERTY GLOBAL INC COM SER C	609,157
77,070	LIFE HEALTHCARE GROUP HOLDING	269,073
14,800	LOEWS CORP COM	498,369
187,338	LSI LOGIC CORP COM	1,237,094
18,600	MCDONALDS	811,423
7,100	MCGRAW HILL	75,014
16,280	MEDICIS PHARMACEUTICAL CL A	606,723
10,900	MERCK & CO INC	356,227
38,600	MICROSOFT	1,130,600
5,270	MINDRAY MED INTL LTD SPON ADR	496,565
36,200	MORGAN STANLEY COM NEW	481,442
9,230	MOTOROLA SOLUTIONS INC COM NEW	441,036
7,790	MUELLER INDS INC COM	323,784
8,860	NATURA COSMETICOS SA	194,774
29,250	NESTLES ADR	280,376
9,600	NEWFIELD EXPL CO COM	497,506
57,200	NEWS CORP CL A	571,025
10,850	NII HLDGS	455,769
1,400	NOBLE ENRGY INC COM	61,950
6,900	NOVO-NORDISK A S ADR	406,044
27,370	OCCIDENTAL PETE	2,440,179
59,100	OMNICARE INC COM	1,546,612
35,400	ORACLE	918,400
22,660	OWENS CORNING COM	565,660
32,890	PACKAGING CORP AMER	655,805
23,300	PEPSICO	1,419,236
32,190	PETROLEO BRASILEIRO ADR	806,086
33,400	PHILIP MORRIS INTL INC COM	1,527,559
7,050	PHILLIPS 66 COM	141,652

The Robert A. Welch Foundation
Investments-Corporate Stocks
Year Ended August 31, 2012
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4b

Shares	Security	Cost
16,200	PRAXAIR	947,078
15,100	PROCTER & GAMBLE	799,081
9,800	QUALCOMM INC COM	406,521
8,500	RIO TINTO PLC SPONSORED ADR	569,599
9,500	ROCHE HLDG LTD SPONSORED ADR	422,304
27,690	ROCKWOOD HLDGS INC COM	1,044,040
14,000	ROYAL DUTCH SHELL PLC SPONS ADR A	703,407
22,420	SCHLUMBERGER LTD COM	1,899,515
20,100	SCHWAB CHARLES CP COM	217,956
32,020	SEAGATE TECHNOLOGY PLC SHS	589,916
38,300	SERVICE CORP INTL COM	463,027
13,000	TARGET CORP COM	642,579
22,120	TENNECO INC COM	868,725
9,840	TEVA PHARMACEUTCL INDS ADR	439,286
22,970	THERAVANCE INC COM	340,240
12,000	THERMO ELECTRON	404,947
3,000	TIME WARNER CABLE INC COM	191,040
17,700	TOTAL S A ADR	1,036,593
17,700	TX INSTRS	564,119
34,740	TYCO INTERNATIONAL LTD SHS	1,558,715
9,100	UNITED TECHNOLOGIES CP COM	640,417
18,700	UNITEDHEALTH GROUP	1,010,983
29,382	VALEANT PHARMACEUTICAL COM	350,738
27,520	VALSPAR CORP COM	677,777
17,410	VIACOM INC CL B	842,736
30,950	VIRGIN MEDIA INC COM	801,147
27,700	WAL MART	1,169,579
11,400	WALGREEN	357,772
10,180	WALTER ENERGY INC COM	720,746
9,650	WESTPORT INNOVATIONS COM	219,780
35,230	WYNDHAM WORLDWIDE CORP COM	953,511
20,680	ACCOR	858,868
8,270	ADECCO SA	491,088
6,760	ADIDAS AG	523,712
26,740	ADMIRAL GROUP	475,929
63,360	AHOLD(KON)NV	839,454
127,660	ALCATEL-LUCENT	663,191
193,730	ALUMINA LTD	256,701
19,520	AMADEUS IT HLDGS	387,475
17,590	ANHEUSER-BUSCH INB	1,025,799
10,750	BEIERSDORF AG	673,924
47,620	BRITISH SKY BROADCASTING GROUP	490,518
43,020	CAMECO CORP COM	1,113,986
12,100	CAP GEMINI	454,435
4,400	CARLSBERG A/S	378,014

The Robert A. Welch Foundation
Investments-Corporate Stocks
Year Ended August 31, 2012
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4b

Shares	Security	Cost
37,660	CARREFOUR	1,184,738
6,880	CHR HANSEN HOLDINGS A/S	146,294
22,130	CRH	459,693
3,830	D/S NORDEN	98,955
17,830	DANONE	1,250,818
8,810	DEUTSCHE BOERSE AG	532,384
12,540	EADS(EURO AERO DEF	449,964
12,860	EDENRED	368,713
20,470	ENCANA CORP COM NPV	459,647
1,400	FANUC CORP	215,635
25,350	GPE EUROTUNNEL SA	221,255
9,750	HOLCIM	668,122
80,930	HSBC HOLDINGS PLC	645,197
18,623	JOHNSON MATTHEY	653,057
33,380	LAND SECURITIES GP	381,796
16,890	LONZA GROUP AG -REG	1,347,203
144,180	MARKS & SPENCER GP	831,661
62,000	mitsui O.S.K.LINES	244,092
21,230	NESTLE SA	1,338,185
8,370	NEXANS	568,701
51,000	NIPPON YUSEN KK	153,325
107,360	NORSK HYDRO ASA	502,443
2,250	NOVO-NORDISK AS DKK1 SER'B'	352,966
63,460	OCADO GROUP PLC	181,405
208,966	PACIFIC BASIN SHIP	110,468
16,890	PETROLEUM GEO SVS	261,590
22,243	POSTNL NV	65,818
13,890	PRYSMIAN SPA	261,317
25,430	QIAGEN NV	424,348
12,060	RANDSTAD HLDGS NV	526,488
6,600	RECKITT BENCK GRP	372,559
63,240	RYANAIR HLDGS PLC	1,759,996
11,120	SABMILLER	437,859
9,400	SANTEN PHARMACEUTICAL CO LTD	362,062
4,600	SHIN-ETSU CHEMICAL	252,477
8,060	SIEMENS AG	741,474
71,740	SONIC HEALTHCARE LTD	869,293
15,800	SUMCO CORPORATION	265,880
28,400	SUZUKI MOTOR CORP	667,060
3,040	SYNGENTA AG-REG	998,164
94,290	TALISMAN ENERGY INC COM	1,635,574
53,830	TELENOR ASA	875,764
260,070	TESCO	1,673,611
77,200	TF1 - TV FRANCAISE	1,393,075
14,100	TOKYO ELECTRON	758,995

The Robert A. Welch Foundation
Investments-Corporate Stocks
Year Ended August 31, 2012
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4b

Shares	Security	Cost
19,500	TOYOTA MOTOR CORP	826,108
38,360	TRICAN WELL SVC LTD COM	889,047
4,680	UMICORE	256,292
22,100	UNILEVER PLC	709,037
185,011	ISHARES EAFE IDX	9,453,503
903,364	SII INT'L VALUE EQUITY	49,420,589
3,050,279	WELLINGTON CTF DIH	50,070,839
369,000	WELLINGTON CTF EQUITY	14,217,531
	Total Cost	<u>244,176,827</u>

Amounts are reported at cost.

The Robert A. Welch Foundation
Investments-Other
Year Ended August 31, 2012
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4c

Part II, Line 10c, Column (b)

U.S. & state government obligations:

Brandywine Global Investment Management Trust

20,795,202

Part II, Line 13, Column (b)

Other Investments:

Ashbel Smith Management Company Preferred

156,667

Ashbel Smith Management Company Common

20,000

Mineral and Fee Properties

3,116,393

City of London-Investable Emerging Market Country Fund

16,157,697

RWF Fund, LP

148,389,732

167,840,489

Amounts are reported at cost.

Taxpayer's I.D.
76-0343128

Schedule 5

The Robert A. Welch Foundation
990PF, page 2
Year Ended August 31, 2012

Part III, Line 5

Decrease in Prepaid Pension
Federal Excise Tax Provision on Capital Gains

391,385
484,070

875,455

Taxpayer's I.D.
76-0343128

Schedule 6

The Robert A. Welch Foundation
990PF, page 6
Year Ended August 31, 2012

Part VIII, Line 1

Name/ Address	Title	Time Devoted	Compensation	Benefit Plans	Expense Account and Allowance
Wilhelmina E. Robertson 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730 Chairman 12/08/11 to 08/31/12	Chair & Director	4 hours	45,968	0	0
Charles W. Tate 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730	Vice Chair & Director	4 hours	35,000	0	0
James T. Hackett 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730	Treasurer & Director	4 hours	35,000	0	0
Carin M. Barth 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730 03/01/12 to 08/31/12	Secretary & Director	4 hours	17,500	0	0
Ernest H. Cockrell 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730 Chairman 09/01/11 to 12/07/11	Director	6 hours	39,032	0	0
Dennis R. Hendrix 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730 09/01/11 to 01/08/12	Director	4 hours	12,419	0	0
Norbert Dittrich 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730	President	40 hours	523,563	11,250	9,413
			<u>708,482</u>		
Applied to Direct Charitable Activities			<u>(128,786)</u>		
Page 1, Part 1, Line 13(a)			<u>579,696</u>		

Security	Acquired	Date Acquired	Date Sold	Proceeds	Cost Basis	Gain or Loss Short Term	Gain or Loss Long Term
Publicly Traded Securities	purchase	various	various	92,336,320	87,377,490	(1,251,014)	6,209,844
Other Gains and Losses.							
City of London	purchase	10/31/2008	11/1/2011	5,000,000	4,155,802	0	844,198
Silchester International Value Equity	purchase	4/1/2008	various	473,497	459,442	0	14,055
Wellington CTF Equity	purchase	various	various	21,000,000	19,915,970	34,813	1,049,217
Northern US Treasury Index Fund	purchase	various	various	10,077		0	10,077
Brandywine (K-1)	purchase	various	various			595,044	247,700
City of London (K-1)	purchase	various	various			74,749	1,728,343
RWF Fund, L.P. (K-1)	purchase	various	various			(59,719)	971,179
Silchester International Value Equity (K-1)	purchase	various	various			189,611	3,583,696
Wellington CTF DIH (K-1)	purchase	various	various			(179,631)	1,501,664
Wellington CTF Research Equity (K-1)	purchase	various	various			173,434	3,367,226
				118,819,894	111,908,704	(422,713)	19,527,199
Short Term Taxable Gain(Loss)							(422,713)
Long Term Taxable Gain(Loss)							19,527,199
Part I, Line 7							19,104,486

Taxpayer's I.D.
76-0343128

Schedule 8

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2012

	Receipts and Expenses Per Book	Net Investment Income	For Exempt Purpose
Line 11			
Other Income:			
Royalties	2,970,288	3,046,923	0
Other Income	314,803	1,684,041	0
	<u>3,285,091</u>	<u>4,730,964</u>	<u>0</u>

#	Grantee	Description	Balance 8/31/2011	Total Approved	Total Paid	Canceled	Balance 8/31/2012
581	Baylor College of Medicine	Molecular Basis for the Roles of Calmodulin in Membrane Fusion and Channel Activities	0	150,000	75,000		75,000
1242	Baylor College of Medicine	Structural Studies of Viruses by Cryo-EM	0	20,000	20,000		0
1279	Baylor College of Medicine	X-ray Crystallographic Studies on Viruses and Viral Proteins	0	150,000	75,000		75,000
1512	Baylor College of Medicine	Enhancing Vaccine Design Against Influenza H1N1 Virus	0	100,000	100,000		0
1521	Baylor College of Medicine	Mechanisms of ATP Generation by a Novel Coregulator CAPER	0	60,000	60,000		0
1530	Baylor College of Medicine	Structural and Mechanistic Studies of ATP-Dependent Molecular Machines	0	75,000	75,000		0
1673	Baylor College of Medicine	Novel Activity of the Telomeric Regulator TIN2 in the Mitochondria	0	60,000	60,000		0
1698	Baylor College of Medicine	Regulation of GTP Homeostasis by (p)ppGpp	0	10,000	10,000		0
1759	Baylor College of Medicine	Quantifying Transcription Kinetics in Individual Cells at Single-Event Resolution	50,000	20,000	40,000		30,000
1798	Baylor College of Medicine	Plasmon Assisted Photocatalysis for Cancer Therapies	0	180,000	60,000		120,000
1173	Baylor University	Viable Light Absorption by Esters and Formation of Organic Acids in the Atmosphere	0	60,000	60,000		0
1395	Baylor University	C2-Chiral Porphyrins Phosphorines and Phosphabenzene for Asymmetric Catalysis	0	60,000	60,000		0
490	Rice University	Chemistry of Carbon Nanomaterials	60,000	15,000	75,000		0
576	Rice University	Genetic Regulatory Protein: Structure-Function Relationships	60,000	15,000	75,000		0
586	Rice University	Application of Mid-Infrared Quantum Cascade and Diode Lasers to High-Precision Atmospheric Trace Gas Monitoring	0	150,000	75,000		75,000
612	Rice University	Chemical Mechanisms of Ligand Binding to Heme Proteins	80,000	20,000	100,000		0
627	Rice University	Carbon Nanotubes as MRI Contrast Agents	60,000	15,000	75,000		0
734	Rice University	Studies Involving Molecules in High Rydberg States	80,000	20,000	100,000		0
807	Rice University	Photostudies of Carbon Nanotubes	0	200,000	100,000		100,000
976	Rice University	The Chemistry of Nanomolecules	0	75,000	75,000		0
991	Rice University	The Free Energy Pathway for Lipid Transformations in Membrane Fusion	60,000	15,000	75,000		0
1133	Rice University	Mechanisms for Molecule Formation in Ultracold Atomic Gases	0	200,000	100,000		100,000
1220	Rice University	Chemical and Photophysical Properties on Complex Nanoparticles and Nanoparticle Complexes	0	100,000	100,000		0
1222	Rice University	Theoretical Investigations of Chemical Properties of Nanosystems	0	100,000	100,000		0
1241	Rice University	Structure and Properties of Complex Fluids in the Bulk and Interfacial Regions	60,000	15,000	75,000		0
1309	Rice University	Novel Peroxisomal Processes in Plants	60,000	15,000	75,000		0
1323	Rice University	Terpene Biosynthesis	60,000	15,000	75,000		0
1411	Rice University	Theoretical Studies of Electronic Dynamics and Transport in Carbon Nanotubes and Related Nanostructures	0	100,000	100,000		0
1509	Rice University	Optical Infrared and Terahertz Dynamics of Carbon Nanomaterials	0	75,000	75,000		0
1557	Rice University	Synthesis of Nanostructured Organic Materials via Self-Assembly	0	150,000	75,000		75,000
1559	Rice University	Theoretical Investigation of Polymer Translocation Phenomena	0	200,000	100,000		100,000
1565	Rice University	The Mechanism of Protein-Framed RNA Synthesis in Viral Genome Replication	0	150,000	75,000		75,000
1570	Rice University	Mapping the Free Energy Landscape of Proteins by Combining Theory and Experiment	0	100,000	100,000		0
1579	Rice University	Strontium Form Gases and Bose-Fermi Mixtures	0	60,000	60,000		0
1590	Rice University	Science of Nearly-1D Materials: From Nanotubes to Nanowires	0	75,000	75,000		0
1598	Rice University	Preparation and Characterization of Gold Nanoparticles Using CO Reduction	50,000	10,000	60,000		0
1605	Rice University	Investigating the Nanoscale Surface Chemistry of Graphene	50,000	10,000	60,000		0
1614	Rice University	Regulation of Hsp70 Catalytic Activity by the Zinc-Finger Protein Hsp	50,000	10,000	60,000		0
1625	Rice University	Synthesis of Mechanochemical Shearing-Mode Oscillators Using Artificial Proteins and Orthogonal Protein Labeling Chemistries	0	120,000	60,000		60,000
1632	Rice University	Protein-Nucleic Acid Interactions with Single-Molecule AFM	0	150,000	75,000		75,000
1636	Rice University	Novel Single-Molecule Vibrational Spectroscopies	0	120,000	60,000		60,000
1664	Rice University	Probing Molecular Orientations of Liquid Crystals at the Surface of Plasmonic Nanoparticles with Particle Absorption and Scattering Spectroscopy	0	60,000	60,000		0
1668	Rice University	Physical Chemistry of Graphene Fluids	0	60,000	60,000		0
1669	Rice University	Superchemistry: Quantum Control of Ultracold Molecules	0	60,000	60,000		0
1676	Rice University	Investigating Core/Shell Bimetal Catalysis Through Nanoparticle Synthesis and Spectroscopy	0	60,000	60,000		0
1680	Rice University	New Strategies for Catalytic Bond Formation	50,000	10,000	60,000		0
1682	Rice University	Infrared and Millimeter-wave Spectroscopy of Graphene	50,000	10,000	60,000		0
1716	Rice University	Scalable Synthesis of Graphene and Related Nanocomposites for Dye Sensitized Solar Cell Applications	0	150,000	75,000		75,000
1729	Rice University	Dynamical Consequences of Protein Chemistry in Synthetic Gene Circuits	0	60,000	60,000		0
1739	Rice University	Ultracold Molecules: Dynamics Coherence and Correlations	0	60,000	60,000		0
1743	Rice University	Individualization of Single-Walled Carbon Nanotubes on Zeolitic Material's without the Aid of Wrapping Molecules	0	60,000	60,000		0
1750	Rice University	Synthesis and Properties of Multiblock Conjugated Copolymers	0	60,000	60,000		0

#	Grantee	Description	Balance 8/31/2011	Total Awarded	Total Paid	Cashed	Balance 8/31/2012
1752	Rice University	Multiple-Dimensional Optical Spectroscopy					
1755	Rice University	Controlling Nanoparticle Assembly via Steric Forces	100,000	20,000	60,000	0	0
1761	Rice University	Analytical Surface Enhanced Raman Spectroscopy for Biological Interfaces	100,000	0	90,000	30,000	30,000
1787	Rice University	Exploiting Molecular Fluorescence to Probe Local Chemical Dynamics	0	180,000	60,000	0	120,000
1791	Rice University	Novel Phases and Ground States in Valence-Fluctuating Intermetallics	0	180,000	60,000	0	120,000
1792	Rice University	Expanding the Protein Folding Landscape Towards Biomolecular Machines	0	180,000	60,000	0	120,000
1799	Texas A&M International University	The Design Synthesis Characterization and Binding Studies of Multivalent Polypyridine Based Macrocyclic Receptors in Aqueous Solutions	0	180,000	60,000	0	120,000
330	Texas A&M University	Nuclear Reaction Studies	0	60,000	60,000	0	0
396	Texas A&M University	Molecular Conformations and Vibrational Potential Energy Surfaces in Ground and Excited Electronic States	0	150,000	75,000	0	75,000
514	Texas A&M University	The Influence of Reduced Dimensionality Disorder and Interfaces on the Properties of Surfaces	0	150,000	75,000	0	75,000
639	Texas A&M University	Phase-Facilitated Catalysis and Synthesis	0	150,000	75,000	0	75,000
648	Texas A&M University	Computational Chemistry on Transition Metal Systems	0	150,000	75,000	0	75,000
673	Texas A&M University	Metal Phosphonates as Crystal Engineered Solids	0	75,000	75,000	0	0
747	Texas A&M University	Structure and Dynamics of Prototypical Hydrogen Bonded and Related Interactions	0	120,000	60,000	0	60,000
770	Texas A&M University	Electron-Molecule Resonances from Multiconfigurational Self-Consistent Field and Multiconfigurational Electron Propagator Methods with Complex Scaled Hamiltonians	0	120,000	60,000	0	60,000
840	Texas A&M University	Enzyme Reaction Mechanisms	60,000	15,000	75,000	0	0
923	Texas A&M University	Mixed Metal Cyanide Derivatives and Their Role in Catalysis	0	150,000	75,000	0	75,000
924	Texas A&M University	Bioinspired Coordination Chemistry	0	150,000	75,000	0	75,000
960	Texas A&M University	Polynuclear Gold and Related Element Chemistry with Nitrogen Ligands - Synthesis Structure and Reactivity	0	80,000	0	80,000	0
1020	Texas A&M University	Molecular and Recoil Frame Photoelectron Angular Distributions from Nonlinear Molecules	0	150,000	75,000	0	75,000
1121	Texas A&M University	Acidic Intermediates in Asymmetric Hydrogenations	0	150,000	75,000	0	75,000
1170	Texas A&M University	Biophysical Probes of Iron Metabolism in Yeast Vacuoles	0	60,000	60,000	0	0
1176	Texas A&M University	Studies of the Structure of Gas-Phase Peptide Ions	0	60,000	60,000	0	0
1218	Texas A&M University	The Integrating Cavity - A Powerful New Approach to Ring-Down Spectroscopy	0	60,000	60,000	0	0
1261	Texas A&M University	Studies in Laser and Quantum Chemistry	80,000	20,000	100,000	0	0
1266	Texas A&M University	The Equation of State for a Two-Component Nuclear System	60,000	15,000	75,000	0	0
1280	Texas A&M University	Novel Strategies for Bioactive Natural Product Synthesis via β -Lactone Intermediates and New Methodology for Asymmetric Alkylations	0	200,000	100,000	0	100,000
1358	Texas A&M University	Theoretical Study of Heavy Ion Collisions	0	150,000	75,000	0	75,000
1397	Texas A&M University	Nuclear Decay Studies	0	60,000	60,000	0	0
1405	Texas A&M University	Photofragment Imaging of Atmospheric Radicals	0	60,000	60,000	0	0
1417	Texas A&M University	Chemical Kinetics and Mechanism of Hydrocarbon Oxidation Reactions	0	75,000	75,000	0	0
1421	Texas A&M University	Probing Cation-Amide Interactions	80,000	20,000	100,000	0	0
1423	Texas A&M University	Cationic Gold-Antimony Complexes - Lewis Acidic and Catalytic Properties	60,000	15,000	75,000	0	0
1449	Texas A&M University	Magnetism Conductivity and the Interplay Between These Properties in d p and f-block Materials with Organosulfonate Ligands	0	200,000	100,000	0	100,000
1526	Texas A&M University	Magnetism and Electronic Behavior of Ge and Sn Chalcogenides and Related Zintl Materials	0	75,000	75,000	0	0
1546	Texas A&M University	Optical Studies of Ultra Cold Molecular Ions Using Femtosecond and XUV Laser Radiation	50,000	10,000	60,000	0	0
1547	Texas A&M University	Applications of Molecular Coherence in Ultrafast Optics	60,000	15,000	75,000	0	0
1639	Texas A&M University	Energy Transfer in Doped Anisotropic Semiconductor Nanostructures	0	120,000	60,000	0	60,000
1647	Texas A&M University	Structure and Chemistry of DNA Repair Enzyme Spore Photoproduct Lyase	0	60,000	60,000	0	0
1656	Texas A&M University	Selective Methane Oxidations in Fluorous Media	0	60,000	60,000	0	0
1658	Texas A&M University	Molecular Basis for Autotransporter Function	0	60,000	60,000	0	0
1671	Texas A&M University	Band-Gap Engineering for Enhanced Photoemission of Self-Assembled Au and Ag Nanoparticles Embedded in Monocrystalline Semiconductors	0	60,000	60,000	0	0
1678	Texas A&M University	Quantum Coherent Synthesis and Decomposition	50,000	10,000	60,000	0	0
1688	Texas A&M University	Chemical Dynamics of Cold/Ultracold Molecules and Atomic Hydrogen	50,000	10,000	60,000	0	0
1700	Texas A&M University	Development of New Reagents for Selective Evolution of Carbonyl Compounds	50,000	10,000	60,000	0	0
1706	Texas A&M University	The Sonogashira Catalyst System for C-C Coupling Reactions New Mechanistic Insights and Improved Recyclability	0	120,000	60,000	0	60,000
1710	Texas A&M University	Chemical Investigation of the Heaviest Elements	0	120,000	60,000	0	60,000
1715	Texas A&M University	Synthesis and Evaluation of Methyltransferase-Mediated Alkylated Agents	0	150,000	75,000	0	75,000
1717	Texas A&M University	New Discoveries of Main Group Hypercoordinate Compounds and Beyond	0	150,000	75,000	0	75,000
1725	Texas A&M University	The Discovery of Stable Porous Materials for Gas Storage and Separation	0	150,000	75,000	0	75,000

The Robert A. Welch Foundation

#	Grantee	Description	Balance 8/31/2011	Total Approved	Total Paid	Canceled	Balance 8/31/2012
1742	Texas A&M University	The Structural Basis for Ligand Recognition and Allosteric Regulation in Signaling Proteins	0	60,000	60,000	0	0
1746	Texas A&M University	An Atomic Resolution Biochemical Approach to Structure-Function Analysis of a Ribonucleoprotein Complex — Telomerase	0	60,000	60,000	0	0
1758	Texas A&M University	What Makes an Enzyme Promiscuous? Structure-Function Relationships of <i>o</i> -Succinylbenzoate Synthase/ <i>N</i> -Succinylamino Acid Racemase Enzymes	100,000	20,000	60,000	0	60,000
1763	Texas A&M University	Biochemical and Biophysical Determination of Conserved RNA Polymerase Domains Function in Catalysis: Abortive Initiation and Template Interception	100,000	20,000	60,000	0	60,000
1766	Texas A&M University	Template-Synthesis and Solution-Assembly of Polyamine for Organic Energy Storage	100,000	20,000	60,000	0	60,000
1769	Texas A&M University	Determination of the Mechanisms by Which Lytic Peptides Disrupt Lipid Bilayers	100,000	20,000	60,000	0	60,000
1775	Texas A&M University	Non-Covalent π -Stacking Interactions in Organocatalysis	100,000	20,000	60,000	0	60,000
1777	Texas A&M University	Biochemical Basis of <i>Arbidol</i> Agonists 10 as a Decay for microRNAs	100,000	20,000	60,000	0	60,000
1784	Texas A&M University	A Novel Interaction Within Protein Kinase C Enzyme	0	180,000	60,000	0	120,000
1795	Texas A&M University	Biochemical and Regulatory Constraints of Immune Sensors	0	180,000	60,000	0	120,000
1796	Texas A&M University	Identification of Antibiotic Resistance and Modifying Enzymes from Bacterial Competitive Interactions	0	180,000	60,000	0	120,000
1801	Texas A&M University	Optical Detection of Ultrafast Electron Dynamics and Electron-Initiated Chemical Processes	0	180,000	60,000	0	120,000
894	Texas A&M University at Galveston	Chemical Models: Classical to Quantum-Theoretic	0	150,000	75,000	0	75,000
1281	Texas A&M University System HSC	Forces Involved in Protein Folding and Stability	0	120,000	60,000	0	60,000
1541	Texas A&M University System HSC	Structure of the Nuclear Pore Permeability Barrier by Super-Resolution Microscopy	50,000	10,000	60,000	0	0
1212	Texas Christian University	Controlled Formation of New Heterointerfacial Nanostructures on One Dimensional Curved Nanowire Surfaces	0	150,000	75,000	0	75,000
1666	Texas Christian University	Synthesis of Alkylphosphine Boranes: An Olefination Approach	0	60,000	60,000	0	0
1737	Texas Christian University	Intramolecular Blamph and Antimony-Carbon Bond Formation and Reactivity	0	60,000	60,000	0	0
1760	Texas Christian University	Probing Surface Interactions of Ferrocene Peptide Conjugates and Interfacial Responses with Biomolecules	100,000	20,000	90,000	0	30,000
1675	Texas Southern University	Many-Body Density Matrix Perturbation Theory	0	60,000	60,000	0	0
1126	Texas Tech University	Dynamics of Impurities in Semiconductors	0	150,000	75,000	0	75,000
1239	Texas Tech University	Dynamics and Products of Pseudopericyclic and Pericyclic Reactions	0	10,000	10,000	0	0
1321	Texas Tech University	Enzymes and Defect Chemistry for Manganese in Oxide Semiconductors	0	15,000	15,000	0	0
1361	Texas Tech University	Chiral <i>N</i> -Phosphorylmines-Controlled Asymmetric Reactions of Halo Enolates	0	150,000	75,000	0	75,000
1523	Texas Tech University	New Methodologies for Accurate Quantum Calculations of the Dynamics of Atomic Nuclei	0	75,000	75,000	0	0
1667	Texas Tech University	Single Molecule Investigation of Energy Transfer and Light Harvesting of Phycobiliproteins	0	60,000	60,000	0	0
1707	Texas Tech University	C-H Bond Activation Using Masked Forms of Fluorenyl Co(I) Complexes	0	120,000	60,000	0	60,000
1757	Texas Tech University HSC	Catalytic and Functional Studies in KcsA-Kv Channel Chimeras that Differ in C-Type Inactivation Properties	100,000	20,000	90,000	0	30,000
1289	The University of Texas at Arlington	Metal Complexes of Fluorinated Ligands	0	100,000	100,000	0	0
1301	The University of Texas at Arlington	Determination of the Mechanism of DNA Cleavage by Ruthenium-based Intercalators	0	60,000	60,000	0	0
1362	The University of Texas at Arlington	Total Synthesis of Marine Alkaloids of the Leucettin and Oxidin Families	0	150,000	75,000	0	75,000
1525	The University of Texas at Arlington	A Density Functional Study of the Surface Electronic Behavior of Actinide Metals	0	75,000	75,000	0	0
362	The University of Texas at Austin	New Trajectory Approaches to Quantum Dynamics	0	200,000	100,000	0	100,000
634	The University of Texas at Austin	The Chemical Composition of Stars	0	200,000	100,000	0	100,000
652	The University of Texas at Austin	Synthesis of Biologically Relevant Molecules	0	200,000	100,000	0	100,000
816	The University of Texas at Austin	Molecular Precursors for New Functional Materials	0	150,000	75,000	0	75,000
1018	The University of Texas at Austin	Molecular Recognition via Base Pairing	0	150,000	75,000	0	75,000
1038	The University of Texas at Austin	Femtosecond Nonlinear Spectroscopy of Column IV Nano-Interface Chemistry	0	100,000	100,000	0	0
1051	The University of Texas at Austin	Coherent Quantum Control of Quasi-bound State Structures in Atomic and Molecular Systems	0	75,000	75,000	0	0
1066	The University of Texas at Austin	Influence of Counter Cation in Mixed-Metal Oxides	0	100,000	100,000	0	0
1131	The University of Texas at Austin	Ear Inflammation Detecting Nitric Oxide	0	200,000	100,000	0	100,000
1151	The University of Texas at Austin	Fingerprinting Glutathione	0	75,000	75,000	0	0
1155	The University of Texas at Austin	Fundamentals of Photo- and Electron-Based Activation of Ions in the Gas Phase	0	75,000	75,000	0	0
1188	The University of Texas at Austin	Novel Conjugated Polymers	0	10,000	10,000	0	0
1191	The University of Texas at Austin	Synthesis Magnetochemistry and Superconductivity of Metals and Oxides	0	15,000	15,000	0	0
1225	The University of Texas at Austin	Mechanism of Folate-Dependent Methylation	0	75,000	75,000	0	0
1254	The University of Texas at Austin	Synthesis and Properties of Transition Metal Oxides with Unusual Valence States	0	20,000	20,000	0	0
1255	The University of Texas at Austin	Gap Opening by Symmetry Breaking in Graphene Systems	0	15,000	15,000	0	0
1258	The University of Texas at Austin	Study of Molecular Fluids and Macroscopic Quantum Phenomena with Optical Tweezers	0	20,000	20,000	0	0
1274	The University of Texas at Austin	Complex Active Sites for Phosphoryl Transfer: Continued Chemical Biochemical Biophysical and Structural Analysis	0	150,000	75,000	0	75,000
1283	The University of Texas at Austin	Studies in Quantum Chemistry	0	200,000	100,000	0	100,000

#	Grantee	Description	Balance 8/31/2011	Total Approved	Total Paid	Cancel	Balance 8/31/2012
1298	The University of Texas at Austin	Rearrangements of Alkynylazoles	0	60,000	60,000		0
1319	The University of Texas at Austin	Tuning Nucleation and Growth of Nanoclusters and Thin Metal Films	0	15,000	15,000		0
1331	The University of Texas at Austin	Creating 3D Cell Cultures Using Multiphoton Photofabrication with Dynamic Electronic Masks	0	15,000	15,000		0
1334	The University of Texas at Austin	Structure Function Relationships in Enzymes	0	10,000	10,000		0
1390	The University of Texas at Austin	Acquiring Highly Selective Inhibitors of CANIK-III	0	60,000	60,000		0
1436	The University of Texas at Austin	Chemistry of Nano-Structured Surfaces	0	10,000	10,000		0
1474	The University of Texas at Austin	Quantum Size Silicon and Germanium Nanorods and Nanowires	0	200,000	100,000		100,000
1483	The University of Texas at Austin	Electronic Properties of Graphene	0	200,000	100,000		100,000
1502	The University of Texas at Austin	Chemistry on Semiconductor and Dielectric Surfaces	0	60,000	60,000		0
1511	The University of Texas at Austin	Mechanistic Studies of Novel Enzymes	0	75,000	75,000		0
1514	The University of Texas at Austin	Theory and Simulations of Fast Single-Molecule Dynamics	0	75,000	75,000		0
1515	The University of Texas at Austin	A Mass-Spectrometry-Based Map of Human Protein Complexes	0	100,000	100,000		0
1529	The University of Texas at Austin	Synthesis of Mesoporous Carbon and Metal Oxide Architectures	0	60,000	60,000		0
1535	The University of Texas at Austin	First-Principles Investigation of the Structure Chemistry and Properties of Graphene-Based Nanomaterials	0	15,000	15,000		0
1563	The University of Texas at Austin	Exploring a Novel Origin of RNA Misfolding	0	120,000	60,000		60,000
1572	The University of Texas at Austin	Chemical Probes for Biological Catalysts	0	75,000	75,000		0
1573	The University of Texas at Austin	Physical Constraints for Molecular Catch Bonds	0	60,000	60,000		0
1599	The University of Texas at Austin	Fundamental Studies of Self-Assembly in Mixtures of Organic and Inorganic Molecules	0	15,000	15,000		0
1604	The University of Texas at Austin	Kinetics of Nucleotide Binding by HIV Reverse Transcriptase	0	15,000	15,000		0
1607	The University of Texas at Austin	DNA Target Site Recognition by Mobile Group II Introns	0	10,000	10,000		0
1621	The University of Texas at Austin	Dynamic Polymers as Recyclable Catalysts	0	200,000	100,000		100,000
1631	The University of Texas at Austin	Block Copolymers with Active Components: Towards the Development of Novel Organic Photovoltaics	0	150,000	75,000		75,000
1653	The University of Texas at Austin	Combinatorial Approaches for Analytical Chemistry Using a Hybrid Silicon/Organic Semiconductor Sensor	0	60,000	60,000		0
1654	The University of Texas at Austin	Directed Evolution of Integrase Specificity	0	60,000	60,000		0
1662	The University of Texas at Austin	Probing Complex Electron Dynamics with Optical Two-Dimensional Fourier Transform Spectroscopy	0	60,000	60,000		0
1663	The University of Texas at Austin	Bond-Selective Chemical Imaging by Coherent Anti-Stokes Raman Scattering (CARS) Microscopy	0	50,000	0	50,000	0
1672	The University of Texas at Austin	Quantum Size Effects on Formation and Chemical Properties of Bimetallic Alloys in Ultra-Thin Films	0	60,000	60,000		0
1691	The University of Texas at Austin	Multiscale Modeling of RNA 3D Structure	0	10,000	10,000		0
1694	The University of Texas at Austin	Syntheses of Regenerative Natural Products	0	10,000	10,000		0
1696	The University of Texas at Austin	Liquid Near Interfaces: Single-Molecule and Collective Dynamics	0	10,000	10,000		0
1699	The University of Texas at Austin	Characterizing Site-Specific Ligand Binding on Metal Nanoparticle Conjugates by High Resolution Far-Field Optical Microscopy	50,000	20,000	40,000		30,000
1705	The University of Texas at Austin	Mid-Infrared Photoacoustic Spectroscopy with Nanometer Resolution Using Quantum Cascade Lasers	0	120,000	60,000		60,000
1709	The University of Texas at Austin	Robust and Versatile Chemistry for Self-Assembly Directed Nanomaterials	0	120,000	60,000		60,000
1712	The University of Texas at Austin	Preparative <i>In Vitro</i> Biosynthesis of Complex Polypeptides	0	150,000	75,000		75,000
1722	The University of Texas at Austin	Vibrational Spectroscopy in the Ras Binding Domain	0	120,000	60,000		60,000
1726	The University of Texas at Austin	Size and Chemical Control of 2D Assemblies of Semiconductor Nanocrystals	0	150,000	75,000		75,000
1734	The University of Texas at Austin	Growth of Nanoscale ZnO Superstructures through a Chemical Route Assisted by One-Dimensional Catalysts	0	60,000	60,000		0
1738	The University of Texas at Austin	New Poly-Carboxylated Aryl Phosphines and Coordination Complexes and Polymers Thereof	0	60,000	60,000		0
1741	The University of Texas at Austin	Developing Potent Solar-Driven Catalysts	0	60,000	60,000		0
1753	The University of Texas at Austin	A Synthetic Biochemistry Platform for Alkene Synthesis in Yeast	50,000	20,000	40,000		30,000
1756	The University of Texas at Austin	<i>In Vivo</i> Structure Characterization of Catalytic RNAs by Fluorescence	50,000	20,000	40,000		30,000
1767	The University of Texas at Austin	Control of Protein Folding Quality Control in the Bacterial Periplasm	50,000	20,000	40,000		30,000
1778	The University of Texas at Austin	Proline Isomerization States for Phosphatase Specificity	50,000	20,000	40,000		30,000
1780	The University of Texas at Austin	Discovering Functional Nucleic Acid Families by Deep Sequencing and Fold Sampling	0	180,000	60,000		120,000
1781	The University of Texas at Austin	Site-Selective C-H Bond Functionalization	0	180,000	60,000		120,000
1783	The University of Texas at Austin	Passive Transport Through Membrane	0	180,000	60,000		120,000
1785	The University of Texas at Austin	Error-Free High-Throughput Gene Sequencing	0	180,000	60,000		120,000
584	The University of Texas at Dallas	Lanthanide-based CEST Agents for Molecular Imaging	0	15,000	15,000		0
1153	The University of Texas at Dallas	Zeolite Encapsulated Metal Complexes	0	75,000	75,000		0
1595	The University of Texas at Dallas	Tutoring Small Molecules to Mimic Protein Helical Surfaces	0	10,000	10,000		0
1617	The University of Texas at Dallas	Photochemical Reactions in Dye Sensitized Solar Cell with Biscrolled Graphene Quantum Dot Electrodes	0	15,000	15,000		0

#	Grantee	Description	Balance 8/31/2011	Total Approved	Total Paid	Cancel	Balance 8/31/2012
1645	The University of Texas at Dallas	Femtosecond Time-Resolved FRET to Probe Global RNA Dynamics	0	150,000	0	150,000	0
1746	The University of Texas at Dallas	Semiconducting Liquid Crystalline Polymers	0	60,000	60,000	0	0
546	The University of Texas at El Paso	Catenated Group 14 Complexes	0	150,000	75,000	0	75,000
1649	The University of Texas at El Paso	Elucidation of a Novel Mechanism Used by a Virus Encoded Chaparrin	0	60,000	60,000	0	0
1745	The University of Texas at El Paso	Transition Metal Mediated One-Pot Three-Component Synthesis of γ -Amino Acids	0	60,000	60,000	0	0
794	Trinity University	Understanding Aromaticity Through the Prism of Antiaromaticity: Antiaromatic Diamines and Dicationic Repeat DNA as a Multivalent Receptor	50,000	10,000	60,000	0	0
1640	Trinity University	Supersymmetric Quantum Mechanics. Accurate Excited State Energies and Wave Functions	37,500	10,000	47,500	0	0
608	University of Houston	The Design and Synthesis of Azaromatic Ligands and the Study of their Metal Complexes	0	15,000	15,000	0	0
621	University of Houston	Electrochemistry and Spectroelectrochemistry of Compounds with Multiple Redox Centers	0	100,000	100,000	0	0
680	University of Houston	A Real Space Approach to the Macromolecular Phase Problem	0	10,000	10,000	0	0
1146	University of Houston	Study of Superconductivity and Related Subjects in Strongly Correlated Electron Systems	0	200,000	100,000	0	100,000
1152	University of Houston	Effect of Heterogeneities on Spatiotemporal Patterns in Chemical Reactors	0	60,000	60,000	0	0
1206	University of Houston	Synthesis of Metal Complexes with Sterically Encumbered Ketimide Ligands	0	120,000	60,000	0	60,000
1264	University of Houston	Physical Chemistry of Biomolecular Recognition	0	10,000	10,000	0	0
1297	University of Houston	Chemical Bonding and Properties of "Electron-Poor" Intermetallics Along the Zintl Border	0	60,000	60,000	0	0
1320	University of Houston	Aliphatic Dithiocarbonylates Xanthates and Dithiocarbamates on Metal Substrates and Metal Nanoparticles	0	15,000	15,000	0	0
1337	University of Houston	Photophysical Processes in DNA Oligomers	0	150,000	75,000	0	75,000
1457	University of Houston	Advanced Second-Harmonic Generating Materials	0	150,000	75,000	0	75,000
1531	University of Houston	Structure and Orientation of Room-Temperature Ionic Liquids	0	10,000	10,000	0	0
1571	University of Houston	New Methods for Carbon-Hydrogen Bond Functionalization	0	100,000	100,000	0	0
1616	University of Houston	Structural Studies of Novel Surface Polypeptides	0	10,000	10,000	0	0
1721	University of Houston	The Kinetics and Conformational Changes During Peptidyl Transferase Reaction in Single Ribosomes	0	120,000	60,000	0	60,000
1728	University of Houston	Mechanism for Huge Photosynthesis of Hydrocarbon from Water and Carbon Dioxide on CO Nanostructures	0	60,000	60,000	0	0
1744	University of Houston	The Total Synthesis of Bioactive Natural Products via Novel Strategies	0	60,000	60,000	0	0
1765	University of Houston	New Type of Electronic States in Vitreous Chalcogenides and Pnictides	50,000	20,000	40,000	0	30,000
1768	University of Houston	Conjugated Benzobisoxazole Cruciforms as Fluorescent Sensors in Solution and Solid State	50,000	20,000	40,000	0	30,000
1774	University of Houston	Engineering Chymotrypsin to Selectively Cleave After Phosphotyrosine	50,000	20,000	40,000	0	30,000
1794	University of Houston	Physicochemical Factors Governing Protein Inhibition of Calcium Oxalate Monohydrate Crystallization	0	180,000	60,000	0	120,000
1093	University of North Texas	Synthesis and Reactivity Studies of Polynuclear Clusters	60,000	15,000	75,000	0	0
1174	University of North Texas	Kinetic Studies of Complex-Forming Reactions in the Gas-Phase	0	75,000	75,000	0	0
1542	University of North Texas	Molecular Spectroscopy and Bonding of Coordination Compounds. More Outstanding Issues and New Advances	60,000	15,000	75,000	0	0
1577	University of North Texas	From Cooperation to Intermittency and Beyond	0	75,000	75,000	0	0
1736	University of North Texas HSC at Fort Worth	Structure Determination of a Chloride Ion Channel to Atomic Resolution	0	60,000	60,000	0	0
1593	UT at San Antonio	Expeditions Modification of Organocatalyst Structures for Improved Stereoselectivities	0	75,000	75,000	0	0
1615	UT at San Antonio	Controlling the Shape and Particles Using Wet Chemistry Methods. The Case of Bimetallic Nanoparticles	60,000	15,000	75,000	0	0
1730	UT at San Antonio	Porous Metal-Organic Frameworks with Open Metal Sites for Recognition of Gases	0	60,000	60,000	0	0
1735	UT at San Antonio	Catalytic Asymmetric Synthesis of Chiral Allenes via Enantioselective β -Hydride Elimination	0	60,000	60,000	0	0
1772	UT at San Antonio	Coordination Chemistry of Hydrogen Sulfide Relevant to Biology	100,000	20,000	90,000	0	30,000
1788	UT at San Antonio	New Enantioselective Strategies for the Synthesis of HPI Natural Products	0	180,000	60,000	0	120,000
1296	UT HSC at Houston	Combinatorial Selection Structure and Design of Antiviral Thiopyranes	0	75,000	75,000	0	0
1569	UT HSC at Houston	Coordinating Methylation with Chromatin Function Through the Action of the Sotos Protein Nsl1	0	60,000	60,000	0	0
1711	UT HSC at Houston	Specificity Determination of Dual E1 Activation Systems for Ubiquitin	0	120,000	60,000	0	60,000
1714	UT HSC at Houston	High-Resolution Structure Determination of Molecular Machines <i>in Situ</i> by Cryo Electron Tomography	0	150,000	75,000	0	75,000
1731	UT HSC at Houston	Identification and Characterization of Small Molecules as Chemical Probes of the Circadian Clock	0	60,000	60,000	0	0
1773	UT HSC at Houston	Exosome Activation by the A1Pase and Poly(A) Polymerase Activity of the TREMP Complex	100,000	20,000	75,000	0	45,000
764	UT HSC at San Antonio	Structural Chemistry of Viruses	50,000	10,000	60,000	0	0
1245	UT HSC at San Antonio	Mechanisms of Oxidative Enzymes	50,000	10,000	60,000	0	0
1399	UT HSC at San Antonio	Structures of <i>Chlamydia</i> Proteins Secreted During Human Infection	0	75,000	75,000	0	0
1507	UT HSC at San Antonio	Substrate Binding and Structure-Function of Amino Acid Transporters	0	60,000	60,000	0	0
1747	UT HSC at San Antonio	Signals for Proteasome-Mediated Protein Degradation	0	60,000	60,000	0	0

#	Grantee	Description	Balance 8/31/2011	Total Approved	Total Paid	Cancel	Balance 8/31/2012
1719	UT M. D. Anderson Cancer Center	Structure and Function of the PHD Fingers of the RBP2 Histone Lysine Demethylase in Dynamic Histone Lysine Methylation	0	150,000	75,000		75,000
1592	UT Medical Branch at Galveston	Structural Studies on Antiviral Inhibitor Toxicities to Human Mitochondrial DNA Polymerase	0	60,000	60,000		0
1771	UT Medical Branch at Galveston	Kinetics and Equilibria of the SNARE Complex Assembly	100,000	20,000	90,000		30,000
823	UT Southwestern Medical Center at Dallas	Formaldehyde Cross-Linking for Discovery of Novel Regulatory Elements Exhibiting Long-Range Interactions Within and Between Chromosomes	50,000	10,000	60,000		0
971	UT Southwestern Medical Center at Dallas	Structure-Function in Mammalian Eukaryotic Enzymes	0	60,000	60,000		0
1128	UT Southwestern Medical Center at Dallas	Structural and Functional Insight into Activation Mechanism of the OSR1/SPAK Kinase	0	150,000	75,000		75,000
1243	UT Southwestern Medical Center at Dallas	Regulatory and Catalytic Properties of MAP Kinase Cascades	50,000	10,000	60,000		0
1244	UT Southwestern Medical Center at Dallas	Recognition of Cellular Nucleic Acids by Synthetic Oligomers	60,000	15,000	75,000		0
1257	UT Southwestern Medical Center at Dallas	Enzyme Catalyzed Hypusine Modification in the Proteasome's Pathogen <i>Trypanosoma brucei</i>	80,000	20,000	100,000		0
1275	UT Southwestern Medical Center at Dallas	Ligand Binding Properties of Nematode Olfactory Receptors	0	200,000	100,000		100,000
1286	UT Southwestern Medical Center at Dallas	Mitochondrial Signaling by Reversible Phosphorylation	0	75,000	75,000		0
1304	UT Southwestern Medical Center at Dallas	NMR Methods to Study Membrane Proteins in Lipid Bilayers	0	60,000	60,000		0
1366	UT Southwestern Medical Center at Dallas	Structural Principles of Protein Robustness and Evolvability	0	200,000	100,000		100,000
1389	UT Southwestern Medical Center at Dallas	Biochemical Mechanism of NF- κ B Inhibition by Deubiquitination Enzymes	0	100,000	100,000		0
1414	UT Southwestern Medical Center at Dallas	Analysis of the Functional Significance of Complex Protein-Protein Interactions	0	100,000	100,000		0
1420	UT Southwestern Medical Center at Dallas	Determining Lipid-Protein Interactions for a Channel Gated by Membrane Tension	50,000	10,000	60,000		0
1422	UT Southwestern Medical Center at Dallas	Novel Heterocyclizations for Natural Product Synthesis	50,000	10,000	60,000		0
1424	UT Southwestern Medical Center at Dallas	Comparative Studies of the Signaling Mechanism of Flavonoid-Based Protein Photosensors	50,000	10,000	60,000		0
1441	UT Southwestern Medical Center at Dallas	Atomic Structure and Mechanism of the g-Secretase Complex	80,000	20,000	100,000		0
1500	UT Southwestern Medical Center at Dallas	Mechanisms and Regulation of 26S Proteasome Assembly and Activation	0	60,000	60,000		0
1503	UT Southwestern Medical Center at Dallas	Regulation of Flavoenzyme Homeostasis	0	60,000	60,000		0
1532	UT Southwestern Medical Center at Dallas	Quantitative Characterization of Nuclear Export Inhibition	60,000	15,000	75,000		0
1544	UT Southwestern Medical Center at Dallas	Phase Transitions in Multivalent Macromolecular Assembly	60,000	15,000	75,000		0
1558	UT Southwestern Medical Center at Dallas	Role of FGF21 in Mediating the Antidiabetic Actions of Thiazolidinedione Drugs	0	200,000	100,000		100,000
1560	UT Southwestern Medical Center at Dallas	Mechanistic Studies of the Drosophila RNA Interference Pathway	0	200,000	100,000		100,000
1561	UT Southwestern Medical Center at Dallas	Enzymatic and Structural Characterization of the AMPylator Vibrio Yops	0	200,000	100,000		100,000
1568	UT Southwestern Medical Center at Dallas	Characterization of an Iron- and Oxygen-Sensing Switch Regulating Cellular Iron Homeostasis	0	60,000	60,000		0
1578	UT Southwestern Medical Center at Dallas	Study of Chemical Modification in Cell Signaling	0	75,000	75,000		0
1594	UT Southwestern Medical Center at Dallas	An <i>in vivo</i> Assay to Determine Separate Activity Across the Cell Cycle	0	60,000	0	60,000	0
1596	UT Southwestern Medical Center at Dallas	Mechanistic Studies on the Vanadium-Catalyzed C-II Hydroxylation Reactions	50,000	10,000	60,000		0
1603	UT Southwestern Medical Center at Dallas	Structural Basis for the Ligand-Gating of a Type 1 IP ₃ Receptor	80,000	20,000	100,000		0
1608	UT Southwestern Medical Center at Dallas	Structural and Biochemical Studies of Gene Repression by Polycomb Repressive Complex 2 Catalysis and Recruitment	50,000	10,000	60,000		0
1612	UT Southwestern Medical Center at Dallas	Allenes as Ligands in Asymmetric Catalysis	60,000	15,000	75,000		0
1619	UT Southwestern Medical Center at Dallas	Targeting Subpopulation Phenotypes Associated with Drug Resistance	0	120,000	60,000		60,000
1622	UT Southwestern Medical Center at Dallas	Design and Synthesis of Tumor-Targeted Drug Delivery Systems for Lung Cancer Therapy	0	120,000	60,000		60,000
1644	UT Southwestern Medical Center at Dallas	Signaling Processing by the Neurophilin Chemokine Pathway	0	150,000	75,000		75,000
1657	UT Southwestern Medical Center at Dallas	The Role of the V0 ATPase in SNARE-Mediated Membrane Fusion	0	60,000	60,000		0
1660	UT Southwestern Medical Center at Dallas	Chemical Regulation of Adult Hippocampal Neurogenesis	0	60,000	60,000		0
1665	UT Southwestern Medical Center at Dallas	Modulation of Canonical Wnt Pathway Activity Using Small Molecules	0	60,000	60,000		0
1674	UT Southwestern Medical Center at Dallas	Noise-Induced Functional Differences Between Redundant Feedback Loops	0	60,000	15,000		45,000
1684	UT Southwestern Medical Center at Dallas	Structural and Functional Studies of RCK-Regulated Potassium Channel	50,000	10,000	60,000		0
1686	UT Southwestern Medical Center at Dallas	New Chemical Tools to Study Extracellular Glycan Remodeling by Sialidases	50,000	10,000	60,000		0
1689	UT Southwestern Medical Center at Dallas	NMR Methods for Deconvolution of Complex Spectra	50,000	10,000	60,000		0
1702	UT Southwestern Medical Center at Dallas	Biochemical Regulation of the Orphan Nuclear Receptor TLX	50,000	10,000	60,000		0
1704	UT Southwestern Medical Center at Dallas	Structural and Biochemical Analysis of Bacterial Protein Mimicry	0	150,000	75,000		75,000
1713	UT Southwestern Medical Center at Dallas	Biochemical Characterization of the Binding of Rpd3S to K36 Methylated Chromatin	0	120,000	60,000		60,000
1720	UT Southwestern Medical Center at Dallas	Biochemical Mechanism of the Glucose Sensing and Regulation of ChREBP Activity	0	120,000	60,000		60,000
1723	UT Southwestern Medical Center at Dallas	Chromatin Regulation of Neuronal Activity-Dependent Gene Expression	0	120,000	15,000	105,000	0
1724	UT Southwestern Medical Center at Dallas	Autoinhibition of Platin by a New Conformation-Mediated Dimer	0	120,000	60,000		60,000
1727	UT Southwestern Medical Center at Dallas	Apoptosome Control by Tingo7/EIF3M Proteins	0	60,000	60,000		0
1732	UT Southwestern Medical Center at Dallas	Biochemical Analysis of a Viral RNA Stability Element with Its Cellular Co-factor hnRNP C	0	60,000	60,000		0
1733	UT Southwestern Medical Center at Dallas	Dynamic Nuclear Polarization of Small Molecule Metabolite Probes	0	60,000	60,000		0
1748	UT Southwestern Medical Center at Dallas	Asymmetric Carbon-Carbon Bond Formation with Low Valent Iron Catalysts	0	60,000	60,000		0
1749	UT Southwestern Medical Center at Dallas	Chemistry and Enzymology of MICAL Family Oxidoreductases	0	60,000	60,000		0

#	Grantee	Description	Balance 8/31/2011	Total Approved	Total Paid	Cancel	Balance 8/31/2012
1751	UT Southwestern Medical Center at Dallas	Biochemical Characterization of the Lipid Toxicity Mediated by Maternal PPAR γ Deficiency	0	60,000	60,000		0
1754	UT Southwestern Medical Center at Dallas	Novel Amyloid-Binding Peptoid Ligands as Alzheimer's Therapeutic	100,000	20,000	90,000		30,000
1762	UT Southwestern Medical Center at Dallas	Biochemical and Structural Studies of a Novel Retinoid Binding Protein Family	100,000	20,000	90,000		30,000
1764	UT Southwestern Medical Center at Dallas	Synthesis of Complex Natural Products via Novel C-C Bond-Forming Processes	100,000	20,000	90,000		30,000
1770	UT Southwestern Medical Center at Dallas	Stabilization of Active and Inactive Conformations of Oxyin Receptors for Crystallization	100,000	20,000	90,000		30,000
1776	UT Southwestern Medical Center at Dallas	Biochemical and Structural Analysis of Sinter-Chromatid Cohesion	100,000	20,000	90,000		30,000
1782	UT Southwestern Medical Center at Dallas	Cooperative Assembly of HIV Transcription Elongation Complexes	0	180,000	60,000		120,000
1786	UT Southwestern Medical Center at Dallas	Biochemical Characterization of a Novel Class of Noncoding RNAs	0	180,000	60,000		120,000
1789	UT Southwestern Medical Center at Dallas	Novel Imaging Probes for Investigating ER-Plasma Membrane Junctions	0	180,000	60,000		120,000
1793	UT Southwestern Medical Center at Dallas	Biochemical Analysis of an RNA Interference Pathway	0	180,000	60,000		120,000
1793	UT Southwestern Medical Center at Dallas	Fluorescent Sensors for Measuring Cholesterol in Live Cells	0	180,000	60,000		120,000
1797	UT Southwestern Medical Center at Dallas	Selective Regulation of Autophagy by Metabolic State	0	180,000	60,000		120,000
1799	UT Southwestern Medical Center at Dallas	The Structural Basis of Parasite Recognition by TLR11 and TLR12 Receptors	0	180,000	60,000		120,000
1800	UT Southwestern Medical Center at Dallas	Large-Scale Isolation and Identification of Poly-ADP-Ribosylated Proteins	0	180,000	60,000		120,000
0021	Abilene Christian Univ	Chemistry Department Grant	35,000	35,000	35,000		35,000
0029	Angelo State Univ.	Chemistry Department Grant	35,000	35,000	35,000		35,000
0007	Austin College	Chemistry Department Grant	35,000	0	35,000		0
0035	Hardin-Simmons	Chemistry Department Grant	25,000	25,000	25,000		25,000
0016	Houston Baptist Univ.	Chemistry Department Grant	30,000	0	30,000		0
0030	Jarvis Christian College	Chemistry Department Grant	20,000	20,000	20,000		20,000
0004	Lamar Univ.	Chemistry Department Grant	0	80,000	40,000		40,000
0028	LeTourneau Univ	Chemistry Department Grant	25,000	0	25,000		0
0043	Lubbock Christian Univ.	Chemistry Department Grant	20,000	20,000	20,000		20,000
0036	McMurry University	Chemistry Department Grant	25,000	25,000	25,000		25,000
0001	Midwestern State Univ.	Chemistry Department Grant	30,000	30,000	30,000		30,000
0042	Our Lady of the Lake University	Chemistry Department Grant	15,000	0	15,000		0
0002	Prairie View A&M Univ	Chemistry Department Grant	25,000	10,000	35,000		0
0011	San Houston State Univ.	Chemistry Department Grant	0	80,000	40,000		40,000
0034	Schreiner University	Chemistry Department Grant	20,000	0	20,000		0
0005	Southwestern Univ.	Chemistry Department Grant	0	80,000	40,000		40,000
0018	St. Edward's Univ	Chemistry Department Grant	35,000	0	35,000		0
0008	Stephen F. Austin State Univ	Chemistry Department Grant	35,000	0	35,000		0
0023	Sul Ross State Univ.	Chemistry Department Grant	0	30,000	15,000		15,000
0040	TAMU International Univ.	Chemistry Department Grant	25,000	25,000	25,000		25,000
0041	TAMU Univ.-Corpus Christi	Chemistry Department Grant	35,000	0	35,000		0
0046	TAMU-Galveston	Chemistry Department Grant	35,000	35,000	35,000		35,000
0012	Tarleton State Univ	Chemistry Department Grant	30,000	30,000	30,000		30,000
0014	Texas A&M Univ.-Commerce	Chemistry Department Grant	0	50,000	25,000		25,000
0006	Texas A&M Univ.-Kingsville	Chemistry Department Grant	0	60,000	30,000		30,000
0019	Texas Lutheran Univ.	Chemistry Department Grant	30,000	0	30,000		0
0045	Texas State University	Chemistry Department Grant	40,000	0	40,000		0
0003	Texas Wesleyan Univ.	Chemistry Department Grant	30,000	30,000	30,000		30,000
0020	Texas Woman's Univ	Chemistry Department Grant	35,000	0	35,000		0
0031	Trinity Univ.	Chemistry Department Grant	0	80,000	40,000		40,000
0015	Univ. Of Dallas	Chemistry Department Grant	0	60,000	30,000		30,000
0022	Univ. of Houston-Clear Lake	Chemistry Department Grant	35,000	35,000	35,000		35,000
0027	Univ. of Houston-Downtown	Chemistry Department Grant	0	70,000	35,000		35,000
0033	Univ. of Mary Hardin-Baylor	Chemistry Department Grant	0	50,000	25,000		25,000
0024	Univ. of St. Thomas	Chemistry Department Grant	0	70,000	35,000		35,000
0032	Univ. of the Incarnate Word	Chemistry Department Grant	0	70,000	35,000		35,000
0038	UT at Brownsville	Chemistry Department Grant	0	50,000	25,000		25,000
0026	UT at San Antonio	Chemistry Department Grant	35,000	0	35,000		0
0037	UT at Tyler	Chemistry Department Grant	30,000	30,000	30,000		30,000
0013	UT of the Permian Basin	Chemistry Department Grant	20,000	20,000	20,000		20,000
0017	UT-Pan American	Chemistry Department Grant	40,000	0	40,000		0
0044	Wayland Baptist Univ.	Chemistry Department Grant	25,000	25,000	25,000		25,000

The Robert A. Welch Foundation

#	Grantee	Description	Balance 8/31/2011	Total Approved	Total Paid	Cashed	Balance 8/31/2012
0025	West Texas A&M Univ.	Chemistry Department Grant	0	50,000	25,000		25,000
0039	Wiley College	Chemistry Department Grant	0	20,000	10,000		10,000
0052	Conference	The Welch Foundation Conference on Chemical Research	0	304,002	304,002		0
0036	Hackerman Award	Norman Hackerman Award in Chemical Research	0	236,432	236,432		0
0527	Welch Award	The Welch Foundation Award in Chemistry	0	740,427	740,427		0
127	Texas Intercollegiate League Foundation	Undergraduate Scholarships	381,500	840,000	164,500	47,250	1,009,750
0001	The University of Texas at Austin	Welch Summer Scholar Program	211,000	0	104,000		107,000
0029	Rice University	Texas Academy of Science, Engineering and Medicine	0	25,000	25,000		0
0040	Rice University	Center for Bioorganic Chemistry	0	4,000,000	0		4,000,000
Total			6,573,000	33,170,861	23,411,861	527,250	15,806,750
		Approved and paid current year		18,090,861.00			
		Approved for future payment		15,080,000.00			

The Welch Foundation

Taxpayer's ID 76-0343128
Schedule 9

Institution	Address	Tax Status
R Abilene Christian University	ACU Station, Box 29100	Abilene, TX 79699-9100
AJ Angelo State University	P.O. Box 11007, ASU Station	San Angelo, TX 76909
AD Austin College	900 North Grand Avenue	Sherman, TX 75090-4440
Q Baylor College of Medicine	One Baylor Plaza	Houston, TX 77030-3411
AA Baylor University	One Bear Place #97096	Waco, TX 76798-7096
AG Hardin-Simmons University	Box 16000	Abilene, TX 79698-6000
BF Houston Baptist University	7502 Fondren Road	Houston, TX 77074-3298
BM Jarvis Christian College	P.O. Box 1470	Hawkins, TX 75765-1470
V Lamar University	P.O. Box 10001	Beaumont, TX 77710
BL Letourneau University	P.O. Box 7001	Longview, TX 75607-7001
BV Lubbock Christian University	5601 19th Street	Lubbock, TX 79407-2099
Z McMurry University	McMurry Station Box 98	Abilene, TX 79697
AO Midwestern State University	3410 Taft Boulevard	Wichita Falls, TX 76308
BU Our Lady of The Lake University	411 S.W. 24th Street	San Antonio, TX 78207-4689
L Prairie View A&M University	P.O. Box 519	Prairie View, TX 77446-0519
C Rice University	6100 Main Street	Houston, TX 77005
X Sam Houston State University	SHSU Box 2026	Huntsville, TX 77341-2026
BO Schreiner University	2100 Memorial Boulevard	Kerrville, TX 78028-5697
AF Southwestern University	P.O. Box 770	Georgetown, TX 78627-0770
BH St. Edward's University	3001 South Congress Avenue	Austin, TX 78704
AN Stephen F. Austin State University	SFA Station, Box 6078	Nacogdoches, TX 75962-6078
AK Sul Ross State University	SR Box C-114	Alpine, TX 79832
AS Tarleton State University	P.O. Box T0001, Tarleton Station	Stephenville, TX 76402
BS Texas A&M International University	5201 University Boulevard	Laredo, TX 78041-1900
A Texas A&M University	1246 TAMU	College Station, TX 77843-1246
BD Texas A&M University at Galveston	PO Box 1675	Galveston, TX 77553-1675
BE Texas A&M University System HSC	301 Tarrow Street, 7th Floor	College Station, TX 77840-7896
T Texas A&M University-Commerce	P.O. Box 3011	Commerce, TX 75429-3011
BT Texas A&M University-Corpus Christi	6300 Ocean Drive	Corpus Christi, TX 78412
AC Texas A&M University-Kingsville	MSC 101, 700 University Boulevard	Kingsville, TX 78363-8202
P Texas Christian University	TCU Box 297080	Fort Worth, TX 76129
AR Texas Lutheran University	1000 West Court Street	Seguin, TX 78155-5978
J Texas Southern University	3100 Cleburne Street	Houston, TX 77004
AI Texas State University-San Marcos	601 University Drive, JCK 489	San Marcos, TX 78666
D Texas Tech University	Box 42005	Lubbock, TX 79409-2005
BI Texas Tech University Health Sciences Center	3601 4th Street, STOP 6258	Lubbock, TX 79430
AZ Texas Wesleyan University	1201 Wesleyan Street	Fort Worth, TX 76105-1536
M Texas Woman's University	P.O. Box 425587	Denton, TX 76204-5587
BG The University of Texas - Pan American	1201 West University Drive, AB329	Edinburg, TX 78541-2999
Y The University of Texas at Arlington	701 South Nedderman Drive	Arlington, TX 76019-0125
F The University of Texas at Austin	Main Building 302, MC G1400	Austin, TX 78712-1111
BQ The University of Texas at Brownsville	80 Fort Brown	Brownsville, TX 78520
AT The University of Texas at Dallas	P.O. Box 830688	Richardson, TX 75083-0688
AH The University of Texas at El Paso	500 West University Avenue	El Paso, TX 79968-0500
AX The University of Texas at San Antonio	6900 N. Loop 1604 West	San Antonio, TX 78249
BP The University of Texas at Tyler	3900 University Boulevard	Tyler, TX 75799
AU The University of Texas HSC at Houston	P.O. Box 20036	Houston, TX 77225-0036
AQ The University of Texas HSC at San Antonio	7703 Floyd Curl Drive, MSC 7834	San Antonio, TX 78229-3900
G The University of Texas M. D. Anderson Cancer Center	1515 Holcombe Blvd., Unit 541	Houston, TX 77030-4009
AW The University of Texas of The Permian Basin	4901 E. University	Odessa, TX 79762-8301
I The University of Texas Southwestern Medical Center at Dallas	5323 Harry Hines Boulevard	Dallas, TX 75390-9002
W Trinity University	One Trinity Place	San Antonio, TX 78212-7200
BA University of Dallas	1845 East Northgate Drive	Irving, TX 75062
E University of Houston	4800 Calhoun Road	Houston, TX 77004-2018
BC University of Houston-Clear Lake	2700 Bay Area Boulevard	Houston, TX 77058-1098
BJ University of Houston-Downtown	One Main Street, Room 990-S	Houston, TX 77002

The Welch Foundation

Taxpayer's ID 76-0343128
Schedule 9

	Institution	Address	Tax Status
AY	University of Mary Hardin-Baylor	UMHB Station, 900 College Street	Belton, TX 76513-2599
B	University of North Texas	P.O. Box 311425	Denton, TX 76203-5017
BK	University of North Texas HSC at Fort Worth	3500 Camp Bowie Boulevard	Fort Worth, TX 76107-2699
AV	University of St. Thomas	3800 Montrose Boulevard	Houston, TX 77006-4626
BN	University of The Incarnate Word	4301 Broadway	San Antonio, TX 78209
H	UT Medical Branch at Galveston	301 University Boulevard	Galveston, TX 77555-0156
BW	Wayland Baptist University	1900 West 7th Street	Plainview, TX 79072-6998
AE	West Texas A&M University	WTAMU Box 60997	Canyon, TX 79016-0001
BR	Wiley College	711 Wiley Avenue	Marshall, TX 75670

THE WELCH FOUNDATION THE ROBERT A. WELCH AWARD IN CHEMISTRY

PURPOSE OF THE AWARD

The purpose of The Robert A. Welch Award in Chemistry is to foster and encourage basic chemical research and to recognize, in a substantial manner, the value of chemical research contributions for the benefit of mankind as set forth in the will of Robert Alonzo Welch. The Founder was interested in chemistry, and in its service to both the betterment and the understanding of human life. It is also believed this award will play an important role in aiding and strengthening the other programs of the Foundation.

In accordance with these principles, any person can be considered for the award who has made important chemical research contributions which have a significant, positive influence on mankind. The award is intended to recognize contributions that have not previously been rewarded in a similar manner.

NOMINATIONS

Nominations will be solicited from selected organizations and individuals. Nominations received from other organizations and individuals will be considered, though no person may nominate oneself. Directors and officers of the Foundation and members of the Scientific Advisory Board of the Foundation may not make nominations nor are they eligible to receive the award.

All nominations must include (a) a brief biographical sketch of the proposed nominee, (b) a list of 25 of the nominee's most important scientific publications, (c) a statement of the research areas in chemistry on which the nomination is based, and (d) not more than three seconding nomination letters.

Nominations with supporting documents should be sent to the address at the bottom of this page.

AWARD PROCEDURE

The Scientific Advisory Board of the Foundation will review all nominations that are received in the Foundation office by February 1, the established deadline for a specific award year, and that meet the nomination conditions stated above.

The Scientific Advisory Board will consider all of the official nominations on their merit, consider whether or not any nominee or nominees are worthy of the award, and will recommend to the Board of Directors not more than three nominees they determine are qualified to receive the award. The Board of Directors will select the awardee.

The Robert A. Welch Award in Chemistry shall be awarded, when justified. The presentation of the award shall be at a dinner held to honor the recipient. The awardee will be required to be present. The monetary amount of the award is \$300,000.

5555 San Felipe, Suite 1900
Houston, Texas 77056-2730
713-961-9884 • Fax: 713-961-5168
www.welch1.org

**THE WELCH FOUNDATION
NORMAN HACKERMAN AWARD
IN CHEMICAL RESEARCH**

PURPOSE OF THE AWARD

The Welch Foundation's Norman Hackerman Award in Chemical Research was established to recognize the accomplishments of chemical scientists in Texas who are in their early careers and to serve as an encouragement to those who are embarking on careers dedicated to increasing our fundamental understanding of chemistry. The award is intended for the personal benefit of the recipient, and carries no requirement for future services as a condition of receiving it.

NOMINATIONS

The award will be made on an annual basis, when warranted, to a scientist conducting chemical research in Texas. On June 30 for the year in which nominated, a candidate for the award must be within 10 years of his or her initial appointment as an assistant professor or equivalent. For example, for the 2013 award, the initial appointment of the candidate as an assistant professor or equivalent must have begun no earlier than July 1, 2003.

Nominations will be solicited from selected organizations and individuals. Nominations received from other organizations and individuals in and outside of Texas will also be considered, but self-nominations are not allowed. To be eligible, a nominee must have spent the most recent three (3) years ending June 30, 2013 doing chemical research in Texas. Directors and Officers of the Foundation and members of the Scientific Advisory Board of the Foundation are not eligible to receive the award.

The nomination must include (a) a brief statement of the basis for the nomination, (b) a complete curriculum vitae including the nominee's date of birth, the date of initial appointment as an assistant professor or equivalent, and the year the nominee began doing chemical research in Texas, (c) a complete publication listing including a copy of 3-5 of the nominee's most important research publications, and (d) three (3) supporting letters from individuals in the nominee's field. The supporting letters should be mailed independently and directly to the Foundation.

Nominations and supporting letters should be sent to: The Welch Foundation, 5555 San Felipe, Suite 1900, Houston, TX 77056-2730. Questions can be sent to info@welch1.org.

AWARD PROCEDURE

The Scientific Advisory Board of the Foundation will review all complete nominations that are received in the Foundation office prior to September 15.

The Scientific Advisory Board will evaluate all of the nominations on their merit, consider whether or not any nominee or nominees are worthy of the award, and will recommend to the Board of Directors not more than three (3) nominees they determine are qualified to receive the award. The Board of Directors will select the awardee. All recommendations and selections will be made on an objective and nondiscriminatory basis using criteria reasonably related to the purposes of the award.

The award will normally be presented at a function on the campus of the awardee's institution. The current monetary amount of the award is \$100,000.

THE WELCH FOUNDATION
DEPARTMENTAL RESEARCH GRANT GUIDELINES
EFFECTIVE APRIL 1, 2012

PURPOSE

The purpose of the grant is to support chemical research by members of the chemistry department faculty, and to provide an opportunity for students to study chemistry in a less structured way.

GRANT APPLICATIONS

Applications are restricted to universities and colleges located within the state of Texas. The Foundation will respond to all grant applications. Awards will require formal acceptance by the grantee institution of the Foundation's award letter and all terms and conditions stated in these Departmental Research Grant Guidelines.

The application should include one original of the following information on 8 1/2" x 11" paper (single-sided preferred):

1. Cover page (Foundation Proposal form).
2. Biographical sketches for each department faculty member, limited to one page per person.
3. Additional information. The proposal must conform to the following requirements: (a) the font size must be 11 points or larger, (b) line spacing must be at least 1.5-spaced but no more than five (5) lines of text per vertical inch, and (c) margins must be at least an inch in all directions. This section should be no more than five pages including any exhibits. References are not included in the five-page limitation. Departments are advised that readability is of paramount importance and not being in compliance with these guidelines may be grounds to return the proposal without review.
4. Budget (Foundation form). The initial grant amount should be the amount per year as indicated in the invitation letter

EXPENDITURES

Funds may be utilized for direct expenditures in accordance with the following:

1. STIPENDS, FELLOWSHIPS, AND SCHOLARSHIPS

- a. Faculty summer research stipend, amount per month shall not exceed the monthly academic salary rate. The total of the faculty summer research stipends and fringe benefits combined must not exceed 20% of the annual grant amount per year.
- b. Undergraduate scholarships, at a level set by the grantee institution. Appointments must cover at least one meaningful period such as an academic year, semester, quarter, or summer.
- c. Graduate fellowships, at a level set by the grantee institution. Appointments must cover at least one meaningful period such as an academic year, semester, quarter, or summer.

2. FRINGE BENEFITS

Amounts may be paid for individuals receiving stipends, fellowships, or scholarships.

3. PERMANENT SCIENTIFIC EQUIPMENT

Items with at least one year useful life expectancy and costing a minimum of \$5,000.

4. EXPENDABLE SCIENTIFIC ITEMS, SERVICES, AND EQUIPMENT MAINTENANCE

The grantee institution must maintain a record of actual expenditures, by category, for inclusion in the financial statement

5. PUBLICATION EXPENSES

Expenses for publishing the results of research accomplished under the grant.

6 TRAVEL

Travel expenses, including registration fees, by faculty members and the fellowship or scholarship recipients under the grant. Total expenditures may not exceed \$1,500 per grant year.

Grant funds for direct expenditures may be utilized for any proper purpose beneficial to the research and not specifically excluded by the Foundation. Any expenditures made outside of these guidelines may result in a request for refund. The following are excluded as direct expenditures:

1. General office supplies, equipment, or expenses.
2. Building construction, alteration, renovation, rent, or utilities.
3. Personnel expenses other than stipends, fellowships, and scholarships as detailed above.
4. Consultant fees and/or related expenditures.
5. Student tuition or fees.
6. Membership Dues.
7. Overhead.

CONTROL OF RESEARCH

The conduct and supervision of all research performed under a Foundation grant shall be within the exclusive control of the grantee institution. In accepting a grant, the grantee institution agrees to assume the entire responsibility for the research, for taking any necessary precautions for protection of persons and property, for the proper operation and maintenance of all equipment in research activities and for the safe disposal of any hazardous waste materials

GRANT PAYMENTS

Grant funds will normally be paid by the Foundation at the beginning of the grant year which is June 1st.

APPOINTMENTS

The purpose of undergraduate scholarships and graduate fellowships is education and training in chemistry through research. All scholarships and fellowships must have signed letters of appointment at the grantee institution. A recipient-signed appointment/acceptance letter must be retained on file at the grantee institution for examination when required.

There shall not be any employer-employee relationship between the Foundation and the faculty members or recipients of appointments under Foundation grants.

ATTRIBUTION RIGHTS

Any publication in scientific media shall include an acknowledgement referencing the Welch grant number and stating that the research was funded in part by a grant from The Welch Foundation. In addition, the background section of any patent application filed on an invention made with the assistance of a Welch Foundation grant shall include an acknowledgement referencing the Welch grant number and stating that the development of this invention was funded in part by The Welch Foundation.

YEAR-END REPORTS (due by July 31 of each year)

1. Progress Report (Foundation form) to include the following.
 - a. Grant objective for the current grant year.
 - b. Statement of the how the grant impacted the program during the current grant year
 - c. All department faculty members (Indicate those who participated on the grant during the current grant year)
 - d. Students who participated on the grant during the current grant year.
 - e. List the number of chemistry graduates over the past year.
 - f. List of publications in which faculty and/or students are the author or co-author.

Section 6A – Published Articles Articles reported in this section must have appeared in print and previously have not been reported to the Foundation in this section. One copy of each article must be enclosed.

Section 6B. – Accepted for Publication Articles Articles reported in this section are those that have been accepted for publication but have not appeared in print at the time of this report. In parentheses, indicate the date the article was accepted These articles should be reported in Section A in the report submitted in the grant year in which they appear in print. Copies of these articles should only be sent when they are listed in Section A.

Section 6C. – Submitted Articles. Articles reported in this section are those that have been submitted to a refereed journal and are being actively considered for publication. In parentheses, indicate the date the article was submitted.

Section 7 – Other published articles or patents. Articles reported in this section should include conference or symposium proceedings, books, or other invited articles with original material. Also include any patent applications filed on any inventions made with the assistance of The Welch Foundation. Articles listed in this section must have appeared in print, have acknowledged Welch Foundation support, and previously have not been reported to the Foundation
 - g. Report on how the grant funds were used and what effect the funds may have had on the department or the students. This report including any exhibits or attachments should be no more than five pages
2. Financial Statement (Foundation form) covering the most recent grant year (June 1 - May 31) All amounts should be reported on a cash basis. A financial statement which has an unexpended balance carry forward and/or a change in category of more than \$10,000 must be accompanied by a letter explaining the circumstances and the need
3. Amended Budget Request (Foundation form) is required when an unexpended balance from a preceding year is carried forward to the following grant year. An unexpended balance carry forward and/or a change in category of more than \$10,000 must be accompanied by a letter from the grantee institution explaining the circumstances and the need.

TERMINATION OF GRANTS

A grant may be cancelled for cause if progress toward the objective of the grant is not being made satisfactorily or if the grantee institution is not in compliance with the terms and conditions of the award letter. Once the department or grantee institution is aware the grant will terminate, expenditures can no longer be made for permanent scientific equipment. In addition, any expenses for expendable scientific items must be for items that will be utilized during the remainder of the grant term.

The following shall be forwarded to the Foundation within 60 days after the termination of a grant for any reason:

1. Final Progress Report. (Foundation form)
2. Final Financial Statement. (Foundation form)

A refund of any unexpended balance will be requested after the Final Financial Statement has been approved.

DOCUMENTATION

1. As a condition of a grant, all documents in connection with a grant must be signed by persons authorized by the institution to sign such documents.
2. All documents in connection with a grant may be signed in multiple counterparts and delivered by facsimile, email, U.S. mail, or otherwise, each of which signatures shall be deemed an original

1. **GRANT OBJECTIVE.** (Additional information may be submitted on subsequent pages, but should be limited to five (5) pages or less.)

2. LIST ALL DEPARTMENT FACULTY. (Include a brief one-page bio of each faculty member. Also include any unfilled faculty positions in the department)

3. ANTICIPATED STUDENT PARTICIPANTS.

(Space below is for Foundation use.)

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4. NUMBER OF CHEMISTRY GRADUATES. Input the number of undergraduate students who have graduated in chemistry over the past three (3) years. Please note in the appropriate box if any of these students have gone on to postbaccalaureate work in chemistry, biochemistry, chemical engineering, medicine, or other allied sciences. If known, also indicate students who have gone into industry or other areas.

<u>Chemistry</u>	<u>Biochemistry</u>	<u>Chemical Engineering</u>	<u>Medicine</u>	<u>Other Allied Sciences</u>	<u>Industry</u>	<u>Other</u>	<u>Total</u>
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5. CURRENT GRANTS TO THE DEPARTMENT OR TO THE DEPARTMENT FACULTY.

<u>SOURCE</u>	<u>TITLE</u>	<u>PERIOD</u>	<u>DIRECT COSTS PER YEAR</u>
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THE WELCH FOUNDATION

RESEARCH GRANT PROGRAM

BUDGET REQUEST

Taxpayer Id:
76-0343128
Schedule 10

	06/01/2012 thru 05/31/2013	06/01/2013 thru 05/31/2014	06/01/2014 thru 05/31/2015	Total
1. FELLOWSHIPS AND SCHOLARSHIPS				
a. Postdoctoral fellowships				
(1) _____	\$ _____	\$ _____	\$ _____	\$ _____
(2) _____	_____	_____	_____	_____
b. Graduate fellowships				
(1) _____	_____	_____	_____	_____
(2) _____	_____	_____	_____	_____
(3) _____	_____	_____	_____	_____
(4) _____	_____	_____	_____	_____
c. Undergraduate scholarships				
(1) _____	_____	_____	_____	_____
(2) _____	_____	_____	_____	_____
(3) _____	_____	_____	_____	_____
(4) _____	_____	_____	_____	_____
TOTAL (Add items 1a thru 1c)				
2. FRINGE BENEFITS				
a. Postdoctoral fellowships				
(1) _____	\$ _____	\$ _____	\$ _____	\$ _____
(2) _____	_____	_____	_____	_____
b. Graduate fellowships				
(1) _____	_____	_____	_____	_____
(2) _____	_____	_____	_____	_____
(3) _____	_____	_____	_____	_____
(4) _____	_____	_____	_____	_____
c. Undergraduate scholarships				
(1) _____	_____	_____	_____	_____
(2) _____	_____	_____	_____	_____
(3) _____	_____	_____	_____	_____
(4) _____	_____	_____	_____	_____
TOTAL (Add items 2a thru 2c)				
3. PERMANENT SCIENTIFIC EQUIPMENT				
a. _____	_____	_____	_____	_____
b. _____	_____	_____	_____	_____
TOTAL (Add items 3a and 3b)				
4. EXPENDABLE SCIENTIFIC ITEMS, SERVICES AND EQUIPMENT MAINTENANCE.				
5. PUBLICATION EXPENSES				
6. TRAVEL				
7. PROJECT TOTAL (Add items 1 thru 6)				
	\$ _____	\$ _____	\$ _____	\$ _____

APPROVED BY:

_____ Grantee Institution		_____ Investigator (Printed Name)		_____ Grant No.	
_____ President or Authorized Representative		_____ Investigator (Signature)		_____ Date	
Date					

THE WELCH FOUNDATION
RESEARCH GRANT PROGRAM GUIDELINES
EFFECTIVE APRIL 1, 2012

PURPOSE

The purpose of the research grant program is to support fundamental chemical research at educational institutions within the state of Texas.

GRANT APPLICATIONS

Applications are restricted to universities, colleges, or other educational institutions located within the state of Texas. Research under a grant should be conducted under the leadership of a principal investigator who is a full-time regular faculty member with tenure or is on tenure track. Applications must be received by February 1 to be considered for the next grant year, June 1 - May 31. Only one proposal per year may be submitted by a principal investigator. In addition, any principal investigator with a Welch research grant is not normally eligible for any additional Welch funding during the grant period.

The Foundation will respond to all grant applications. Awards will require formal acceptance by the grantee institution of the Foundation's award letter and all terms and conditions stated in these Research Grant Program Guidelines.

The application should include one original on 8 1/2" x 11" paper (single-sided preferred). The proposal must conform to the following requirements: (a) the font size must be 11 points or larger, (b) line spacing must be at least 1.5-spaced but no more than five (5) lines of text per vertical inch, and (c) margins must be at least an inch in all directions. Foundation forms must not be modified from their original appearance. Principal investigators are advised that readability is of paramount importance and not being in compliance with these guidelines may be grounds to return the proposal without review. The following original items should be submitted to the Foundation address:

1. Cover page with scientific summary (Foundation form).
2. Description of the project. Cover the background and the approach of the research proposal of the principal investigator. This section should be no more than five pages including any exhibits. References are not included in the five page limitation.
3. Principal investigator's biographical sketch, limited to two pages.
4. Bibliography of the principal investigator. List all of the papers published by the principal investigator in refereed journals within the last 24 months and selected papers published within the last five years most pertinent to the proposed project.
5. A letter from the grantee institution stating that the principal investigator is a full-time faculty member with tenure or is on tenure track.
6. Budget. The initial grant amount should be \$60,000 per year for three (3) years (Foundation form).

Funds may be utilized for direct expenditures in accordance with the following:

1. FELLOWSHIPS AND SCHOLARSHIPS

- a. Postdoctoral fellowships, at a level set by the grantee institution. Appointments normally should be for 12 months, but ordinarily and initially for not less than three months.
- b. Graduate fellowships, at a level set by the grantee institution. Appointments must cover at least one meaningful period such as an academic year, semester, quarter, or summer.
- c. Undergraduate scholarships, at a level set by the grantee institution. Appointments must cover at least one meaningful period such as an academic year, semester, quarter, or summer.

2. FRINGE BENEFITS

Amounts may be paid for individuals receiving fellowships or scholarships.

3 PERMANENT SCIENTIFIC EQUIPMENT

- Items with at least one year useful life expectancy and costing a minimum of \$5,000.

4. EXPENDABLE SCIENTIFIC ITEMS, SERVICES, AND EQUIPMENT MAINTENANCE

The grantee institution must maintain a record of actual expenditures, by category, for inclusion in the financial statement.

5. PUBLICATION EXPENSES

Expenses for publishing the results of research accomplished with the grant.

6. TRAVEL

Travel expenses, foreign or domestic, including registration fees, by the principal investigator and current fellowship or scholarship recipients under the grant. Travel must be relevant to the research. Total expenditures may not exceed \$1,500 per grant year.

Grant funds for direct expenditures may be utilized for any proper purpose beneficial to the research and not specifically excluded by the Foundation. Any expenditures made outside of these guidelines may result in a request for refund. The following are excluded as direct expenditures:

1. General office supplies, equipment, or expenses.
2. Building construction, alteration, renovation, rent, or utilities.
3. Personnel expenses other than fellowships and scholarships as detailed above.
4. Consultant fees and/or related expenditures.
5. Student tuition or fees.
6. Membership dues.
7. Overhead.

CONTROL OF RESEARCH

The conduct and supervision of all research performed under a Foundation grant shall be within the exclusive control of the grantee institution. In accepting a grant, the grantee institution agrees to assume the entire responsibility for the research, for taking any necessary precautions for protection of persons and property, for the proper operation and maintenance of all equipment in research activities, and for the safe disposal of any hazardous waste materials.

GRANT PAYMENTS

Grant funds normally will be paid by the Foundation on a quarterly basis. Equal payments will be made on the first day of June, September, December, and March.

APPOINTMENTS

The purpose of postdoctoral and graduate fellowships and undergraduate scholarships is education and training in chemistry through research. All postdoctoral and graduate fellowships and undergraduate scholarships must have signed letters of appointment at the grantee institution. A recipient-signed appointment/acceptance letter must be retained on file at the grantee institution for examination when required. Joint appointments may be made with other external funding but at least 50 percent of the individual's external support must be from the Welch grant. Postdoctoral fellows may receive funding for a total of five years in a postdoctoral position. This may be five consecutive years or a cumulative sum equal to five years. However, the postdoctoral fellow may not receive Welch Foundation support for more than three years.

There shall not be any employer-employee relationship between the Foundation and the principal investigators or recipients of appointments under Foundation grants.

ABSENCE OF PRINCIPAL INVESTIGATOR

If a principal investigator expects to be away from the grantee institution for an appreciable period of time, the Foundation must be informed in advance. The grant will become inactive unless the grantee institution submits a written request acceptable to the Foundation demonstrating that the grant will remain under the full control of the grantee institution

TRANSFER OF PRINCIPAL INVESTIGATOR

If a principal investigator transfers from the grantee institution, normal closeout procedures should be carried out at the grantee institution with respect to the grant. A new grant proposal may be submitted by any Texas educational institution to which a principal investigator has transferred

ATTRIBUTION RIGHTS

Any publication in scientific media shall include an acknowledgement referencing the Welch grant number and stating that the research was funded in part by a grant from The Welch Foundation. In addition, the background section of any patent application filed on an invention made with the assistance of a Welch Foundation grant shall include an acknowledgement referencing the Welch grant number and stating that the development of this invention was funded in part by The Welch Foundation.

YEAR-END REPORTS (due by July 31 of each year)

1. Progress Report (Foundation form). Font size must be 11 points or larger with line spacing of at least 1.5-spacing and must include the following:
 - a. Statement of the research objective for the current grant year.
 - b. Brief report of the progress of the research for the current grant year.
 - c. List of publications, in which the principal investigator is the author or co-author.
 - Section 3A. – Published Articles. Articles reported in this section must have appeared in print and previously have not been reported to the Foundation in this section. One copy of each article must be enclosed
 - Section 3B. – Accepted for Publication Articles. Articles reported in this section are those that have been accepted for publication but have not appeared in print at the time of this report. In parentheses, indicate the date the article was accepted. Eventually, these articles should be reported in Section 3A in the report submitted in the grant year in which they appear in print. Copies of these articles should be sent only when they are listed in Section 3A.
 - Section 3C. – Submitted Articles. Articles reported in this section are those that have been submitted to a refereed journal and actively are being considered for publication. In parentheses, indicate the date the article was submitted.
 - Section 4. – Other Published Articles or Patents. Conference or symposium proceedings, books, other invited articles with original material, or patent applications filed on any inventions made with the assistance of The Welch Foundation. Articles listed in this section must have appeared in print, have acknowledged Welch Foundation support, and previously have not been reported to the Foundation.
2. Financial Statement (Foundation form) reporting the most recent grant year (June 1 - May 31). All amounts should be reported on a cash basis.
3. Amended Budget Request (Foundation form) is required when an unexpended balance from a preceding year is carried forward to the following grant year. An unexpended balance carry forward of more than \$30,000 must be accompanied by a letter from the grantee institution explaining the circumstances and the need.

TERMINATION OF GRANTS

A grant may be cancelled for cause if progress toward the objective of the grant is not being made satisfactorily or if the grantee institution or the principal investigator is not in compliance with the terms and conditions of the award letter. Once the principal investigator or grantee institution is aware the grant will terminate, expenditures can no longer be made for permanent scientific equipment. In addition, any expenses for expendable scientific items must be for items that will be utilized during the remainder of the grant term.

The following shall be forwarded to the Foundation within 60 days after the termination of a grant for any reason:

1. Final Progress Report. (Foundation form)
2. Final Financial Statement. (Foundation form)

A refund of any unexpended balance will be requested after the Final Financial Statement has been approved.

DOCUMENTATION

1. As a condition of a grant, all documents in connection with a grant must be signed by persons authorized by the institution to sign such documents.
2. All documents in connection with a grant may be signed in multiple counterparts and delivered by facsimile, email, U.S. mail, or otherwise, each of which signatures shall be deemed an original.

5555 San Felipe, Suite 1900
Houston, TX 77056-2730
713-961-9884
www.welch1.org
info@welch1.org

THE WELCH FOUNDATION
RESEARCH GRANT PROGRAM
PROPOSAL ON BASIC CHEMICAL RESEARCH

Grant No. _____

Title of Research _____

Grantee Institution _____ Department _____

Principal Investigator _____ Academic Rank _____

Email Address _____ Phone No. _____

Mailing Address _____

Scientific Summary (limited to this space to be prepared by the principal investigator and approved by the grantee institution). See guidelines for formatting requirements.

List on reverse side current and applied for research within the last 12 months. (Space below is for Foundation use.)

--

CURRENT AND APPLIED FOR GRANTS
WITHIN THE LAST TWELVE MONTHS
BY PRINCIPAL INVESTIGATOR

<u>SOURCE</u>	<u>TITLE</u>	<u>PERIOD</u>	<u>DIRECT COSTS PER YEAR</u>
---------------	--------------	---------------	----------------------------------

List on reverse side current and applied for research within the last 12 months. (Space below is for Foundation use.)

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THE WELCH FOUNDATION
RESEARCH GRANT PROGRAM
BUDGET REQUEST

Taxpayer Id:
76-0343128
Schedule 10

	06/01/2012 thru 05/31/2013	06/01/2013 thru 05/31/2014	06/01/2014 thru 05/31/2015	Total
1. FELLOWSHIPS AND SCHOLARSHIPS				
a. Postdoctoral fellowships				
(1) _____	\$ _____	\$ _____	\$ _____	\$ _____
(2) _____	_____	_____	_____	_____
b. Graduate fellowships				
(1) _____	_____	_____	_____	_____
(2) _____	_____	_____	_____	_____
(3) _____	_____	_____	_____	_____
(4) _____	_____	_____	_____	_____
c. Undergraduate scholarships				
(1) _____	_____	_____	_____	_____
(2) _____	_____	_____	_____	_____
(3) _____	_____	_____	_____	_____
(4) _____	_____	_____	_____	_____
TOTAL (Add items 1a thru 1c)	_____	_____	_____	_____
2. FRINGE BENEFITS				
a. Postdoctoral fellowships				
(1) _____	\$ _____	\$ _____	\$ _____	\$ _____
(2) _____	_____	_____	_____	_____
b. Graduate fellowships				
(1) _____	_____	_____	_____	_____
(2) _____	_____	_____	_____	_____
(3) _____	_____	_____	_____	_____
(4) _____	_____	_____	_____	_____
c. Undergraduate scholarships				
(1) _____	_____	_____	_____	_____
(2) _____	_____	_____	_____	_____
(3) _____	_____	_____	_____	_____
(4) _____	_____	_____	_____	_____
TOTAL (Add items 2a thru 2c)	_____	_____	_____	_____
3. PERMANENT SCIENTIFIC EQUIPMENT				
a. _____	_____	_____	_____	_____
b. _____	_____	_____	_____	_____
TOTAL (Add items 3a and 3b)	_____	_____	_____	_____
4. EXPENDABLE SCIENTIFIC ITEMS, SERVICES AND EQUIPMENT MAINTENANCE.				
_____	_____	_____	_____	_____
5. PUBLICATION EXPENSES				
_____	_____	_____	_____	_____
6. TRAVEL				
_____	_____	_____	_____	_____
7. PROJECT TOTAL (Add items 1 thru 6)	\$ _____	\$ _____	\$ _____	\$ _____

APPROVED BY:

Grantee Institution	Investigator (Printed Name)	Grant No.
President or Authorized Representative	Investigator (Signature)	Date
Date		

Taxpayer's I.D.

76-0343128

Schedule 11

The Robert A. Welch Foundation

990PF

Year Ended August 31, 2012

Schedule of Depreciable Property

Description	Date Acquired	Cost	Accumulated Depreciation	Method/ Life	Depreciation Expense
General Depreciation					
Leasehold Improvements	1-15-96	214,954	84,194	S/L 39	5,512
Furniture and Equipment	3-01-07	8,760	5,630	S/L 7	1,251
Furniture and Equipment	10-31-08	321	115	S/L 7	46
Furniture and Equipment	3-31-10	90	19	S/L 7	13
Computer Hardware	3-01-08	23,341	16,338	S/L 5	4,668
Computer Hardware	11-05-08	563	282	S/L 5	113
Computer Hardware	3-31-10	79	24	S/L 5	16
Computer Hardware	5-28-10	111	33	S/L 5	22
Computer Hardware	8-31-11	11,304	283	S/L 5	2,261
Computer Software	3-01-08	2,871	3,350	S/L 3	957
Computer Software	9-10-08	334	278	S/L 3	111
Computer Software	5-28-10	276	138	S/L 3	92
		<u>262,394</u>	<u>110,684</u>		<u>15,062</u>
Listed Property					
Automobile		3,011	2,992	S/L 5	19
Automobile	6-23-07	16,701	11,991	S/L 5	<u>3,340</u>
Total Depreciation					<u><u>18,421</u></u>

See Schedule 2 for Depreciation and Depletion totals.

- If you are filing for an **Additional (Not Automatic) 3-Month Extension**, complete only **Part II** and check this box ☒

Note. Only complete Part II if you have already been granted an automatic 3-month extension on a previously filed Form 8868.

- If you are filing for an **Automatic 3-Month Extension**, complete only **Part I** (on page 1)

Part II Additional (Not Automatic) 3-Month Extension of Time. Only file the original (no copies needed).

		Enter filer's identifying number, see instructions	
Type or print	Name of exempt organization or other filer, see instructions	Employer identification number (EIN) or	
	The Robert A. Welch Foundation	☒ 76-0343128	
	Number, street, and room or suite number If a P O box, see instructions	Social security number (SSN)	
File by the extended due date for filing the return See instructions	5555 San Felipe, #1900	☐	
	City, town or post office, state, and ZIP code For a foreign address, see instructions	Houston TX 77056-2730	

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

04

Application Is For	Return Code	Application Is For	Return Code
Form 990	01		
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 (section 401(a) or 408(a) trust)	05	Form 6069	11
Form 990-T (trust other than above)	06	Form 8870	12

STOP! Do not complete Part II if you were not already granted an automatic 3-month extension on a previously filed Form 8868.

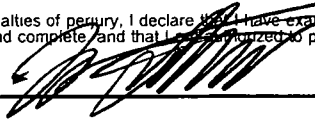
- The books are in care of **Norbert Ditttrich**
Telephone No **(713) 961-9884** FAX No. **(713) 961-5168**
- If the organization does not have an office or place of business in the United States, check this box ☐
- If this is for a Group Return, enter the organization's four digit Group Exemption Number (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

- 4 I request an additional 3-month extension of time until **Jul 15**, 20 **13**
- 5 For calendar year _____, or other tax year beginning **Sep 1**, 20 **11**, and ending **Aug 31**, 20 **12**
- 6 If the tax year entered in line 5 is for less than 12 months, check reason ☐ Initial return ☐ Final return
☐ Change in accounting period
- 7 State in detail why you need the extension **K-1's were received substantially after our fiscal year end. Additional time is needed to complete an accurate return.**

8a 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	8a \$	569,609.
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 and any amount paid previously with Form 8868	8b \$	810,762.
c Balance due. Subtract line 8b from line 8a Include your payment with this form, if required, by using EFTPS (Electronic Federal Tax Payment System) See instructions	8c \$	0.

Signature and Verification must be completed for Part II only.

Under penalties of perjury, I declare that I have examined this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete, and that I am authorized to prepare this form

Signature  Title **President** Date **04/09/13**
BAA FIFZ0502 07/29/11 Form 8868 (Rev 1-2012)