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**Return of Private Foundation
or Section 4947(a)(1) Nonexempt Charitable Trust
Treated as a Private Foundation**

OMB No 1545 0052

2009Department of the Treasury
Internal Revenue Service

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

For calendar year 2009, or tax year beginning Sep 1 , 2009, **and ending** Aug 31 , 2010G Check all that apply ☐ Initial return ☐ Initial Return of a former public charity ☐ Final return
☐ Amended return ☐ Address change ☐ Name change

Use the IRS label. Otherwise, print or type See Specific Instructions.	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	Room/suite 1900	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 ☐ D 1 Foreign organizations, check here ☐ 2 Foreign organizations meeting the 85% test, check here and attach computation ☐ E If private foundation status was terminated under section 507(b)(1)(A), check here ☐ F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here ☐
H Check type of organization ☒ Section 501(c)(3) exempt private foundation ☐ Section 4947(a)(1) nonexempt charitable trust ☐ Other taxable private foundation			
I Fair market value of all assets at end of year (from Part II, column (c), line 16) ▶ \$ 551,568,662.		J Accounting method ☒ Cash ☐ Accrual ☐ Other (specify) _____ (Part I, column (d) must be on cash basis)	

Part I Analysis of Revenue and Expenses (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a) (see the 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 Ck ☒ if the foundn is not req to att Sch B				
	3 Interest on savings and temporary cash investments	1,541.	1,462.		
	4 Dividends and interest from securities	7,359,786.	11,773,191.		
	5a Gross rents	200.	200.		
	b Net rental income or (loss)	200.			
	6a Net gain/(loss) from sale of assets not on line 10	2,443,601.			
	b Gross sales price for all assets on line 6a	158,396,813.			
	7 Capital gain net income (from Part IV, line 2)		33,057.		
	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	2,603,942.	3,958,816.		
12 Total. Add lines 1 through 11		12,409,070.	15,766,726.		
ADMINISTRATIVE AND OPERATING EXPENSES	13 Compensation of officers, directors, trustees, etc	515,057.	317,657.		206,364.
	14 Other employee salaries and wages	476,060.	247,250.		230,719.
	15 Pension plans, employee benefits	271,561.	150,194.		117,136.
	16a Legal fees (attach schedule)	34,998.	30,886.		4,112.
	b Accounting fees (attach sch)	72,299.	36,150.		36,149.
	c Other prof fees (attach sch)	2,170,885.	2,158,380.		12,505.
	17 Interest				
	18 Taxes (attach schedule X see instr) Schedule 2	282,440.	447,997.		
	19 Depreciation (attach sch) and depletion	10,541.	25,152.		
	20 Occupancy	192,306.	90,844.		101,462.
	21 Travel, conferences, and meetings	16,956.	10,124.		3,372.
	22 Printing and publications	42,137.	4,214.		37,923.
	23 Other expenses (attach schedule) Schedule 3	939,756.	1,439,613.		526,287.
	24 Total operating and administrative expenses. Add lines 13 through 23	5,024,996.	4,958,461.		1,276,029.
	25 Contributions, gifts, grants paid	15,326,702.			26,547,307.
26 Total expenses and disbursements. Add lines 24 and 25	20,351,698.	4,958,461.		27,823,336.	
27 Subtract line 26 from line 12:					
a Excess of revenue over expenses and disbursements	-7,942,628.				
b Net investment income (if negative, enter -0-)		10,808,265.			
c Adjusted net income (if negative, enter -0-)					

3 64-17

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 (a) Book Value	End of year (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	3,505,163.	1,919,260.	1,919,260.
	3 Accounts receivable	341,227.		
	Less allowance for doubtful accounts	396,445.	341,227.	341,227.
	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 the 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) Sch. 4a	65,903,330.	73,514,779.	81,776,420.
	b Investments – corporate stock (attach schedule) Sch. 4b	349,415,761.	293,768,338.	277,976,922.
	c Investments – corporate bonds (attach schedule) Sch. 4c	29,724,528.	24,510,143.	29,771,494.
	11 Investments – land, buildings, and equipment basis			
Less accumulated depreciation (attach schedule)				
12 Investments – mortgage loans				
13 Investments – other (attach schedule) Sch. 4c	101,899,478.	136,425,400.	157,452,389.	
14 Land, buildings, and equipment basis	1,092,538.			
Less accumulated depreciation (attach schedule)	1,019,201.	83,879.	73,337.	
15 Other assets (describe ▶ Schedule 4)	3,677,304.	2,228,579.	2,253,913.	
16 Total assets (to be completed by all filers – see instructions Also, see page 1, item I)	554,609,588.	532,784,763.	551,568,662.	
LIABILITIES	17 Accounts payable and accrued expenses			
	18 Grants payable	22,202,500.	11,537,500.	
	19 Deferred revenue			
	20 Loans from officers, directors, trustees, & other disqualified persons			
	21 Mortgages and other notes payable (attach schedule)			
	22 Other liabilities (describe ▶ Schedule 4)	121,166.	224,926.	
	23 Total liabilities (add lines 17 through 22)	22,323,666.	11,762,426.	
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	-21,776,210.	-11,256,374.	
	25 Temporarily restricted	487,333.	474,667.	
	26 Permanently restricted	553,574,799.	531,804,044.	
	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 the instructions)	532,285,922.	521,022,337.	
	31 Total liabilities and net assets/fund balances (see the instructions)	554,609,588.	532,784,763.	

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	532,285,922.
2 Enter amount from Part I, line 27a	2	-7,942,628.
3 Other increases not included in line 2 (itemize) ▶	3	
4 Add lines 1, 2, and 3	4	524,343,294.
5 Decreases not included in line 2 (itemize) ▶ Schedule 5	5	3,320,957.
6 Total net assets or fund balances at end of year (line 4 minus line 5) – Part II, column (b), line 30	6	521,022,337.

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			(l) Gains (Column (h) gain minus column (k), but not less than -0-) or Losses (from column (h))
(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	
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	33,057.
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 the instructions) If (loss), enter -0- in Part I, line 8		3	16,226,199.

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))
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
2005	29,379,484.	606,310,815.	0.048456
2004	28,130,851.	589,541,631.	0.047716

2 Total of line 1, column (d)	2	0.243428
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	0.048686
4 Enter the net value of noncharitable-use assets for 2009 from Part X, line 5	4	555,664,895.
5 Multiply line 4 by line 3	5	27,053,101.
6 Enter 1% of net investment income (1% of Part I, line 27b)	6	108,083.
7 Add lines 5 and 6	7	27,161,184.
8 Enter qualifying distributions from Part XII, line 4	8	27,823,336.

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 the 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 instr.)			
b Domestic foundations that meet the section 4940(e) requirements in Part V, check here ☒ and enter 1% of Part I, line 27b		1	108,083.
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	108,083.
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	108,083.
6 Credits/Payments			
a 2009 estimated tax pmts and 2008 overpayment credited to 2009	6a	150,109.	
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	150,109.	
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	42,026.	
11 Enter the amount of line 10 to be Credited to 2010 estimated tax ☒ 42,026. Refunded ☐	11		

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)? <i>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</i>		X
c Did the foundation file Form 1120-POL for this year?		X
d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year: (1) On the foundation ☒ \$ _____ (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? <i>If 'Yes,' attach a detailed description of the activities</i>		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? <i>If 'Yes,' attach a conformed copy of the changes</i>		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? <i>If 'Yes,' attach the statement required by General Instruction T</i>		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? <i>If 'Yes,' complete Part II, column (c), and Part XV</i>	X	
8 a Enter the states to which the foundation reports or with which it is registered (see the 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? <i>If 'No,' attach explanation</i>	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 2009 or the taxable year beginning in 2009 (see instructions for Part XIV)? <i>If 'Yes,' complete Part XIV</i>		X
10 Did any persons become substantial contributors during the tax year? <i>If 'Yes,' attach a schedule listing their names and addresses</i>		X

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Part VII-A Statements Regarding Activities Continued

11	At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If 'Yes', attach schedule (see instructions)	11		X
12	Did the foundation acquire a direct or indirect interest in any applicable insurance contract before August 17, 2008?	12		X
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application?	13	X	

Website address welchl.org

14 The books are in care of Norbert Ditttrich Telephone no (713) 961-9884
 Located at 5555 San Felipe, Suite 1900 Houston TX ZIP + 4 77056-2730

15 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 - Check here ☐
 and enter the amount of tax-exempt interest received or accrued during the year 15

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 the instructions)? Organizations relying on a current notice regarding disaster assistance check here ☐	1b	X
c Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2009?	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 2009, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2009?	☐ Yes ☒ No	
If 'Yes,' list the years <u>20</u> , <u>20</u> , <u>20</u> , <u>20</u>		
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 the 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 <u>20</u> , <u>20</u> , <u>20</u> , <u>20</u>		
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 2009 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 2009)	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 2009?	4b	X

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Part VII-B. Statements Regarding Activities for Which Form 4720 May Be Required (continued)**5a** During the year did the foundation pay or incur any amount to

(1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))?

☐ Yes ☒ No

(2) Influence the outcome of any specific public election (see section 4955), or to carry on, directly or indirectly, any voter registration drive?

☐ Yes ☒ No

(3) Provide a grant to an individual for travel, study, or other similar purposes?

☐ Yes ☒ No

(4) Provide a grant to an organization other than a charitable, etc., organization described in section 509(a)(1), (2), or (3), or section 4940(d)(2)? (see instructions)

☐ Yes ☒ No

(5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals?

☐ Yes ☒ No**b** If any answer is 'Yes' to 5a(1)-(5), did any of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance (see instructions)?

5b

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?

6b

If 'Yes' to 6b, file Form 8870

X

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?

7b

Part VIII. Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors**1** List all officers, directors, trustees, foundation managers and their compensation (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	148,765.	6,583.
Carolyn Kahlich 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Sr. Acct. & Sys. Adm.	40.00	95,805.	4,259.
Kathy Kirk 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Adm. Asst.	40.00	86,386.	3,828.
Carla Atmar 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Grant Prog. Coordinator	40.00	79,034.	3,503.
Sherry White 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Staff Acct.	40.00	57,945.	2,570.

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

1

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	519,904.
Iridian Asset Management LLC 276 Post Road West Westport CT 06880-4704	Investment Manager	361,975.
Silchester International Investors 780 Third Avenue, 42nd Floor New Yourk NY 10017	Investment Manager	451,930.
Eagle Capital Management 499 Park Avenue, 17th Floor New Your NY 10022	Investment Manager	168,369.
Brandywine Global Investment Mgmt. LLC 2929 Arch Street, 8th Floor Philadelphia PA 19104	Investment Manager	129,577.
Total number of others receiving over \$50,000 for professional services		7

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)	777,405.
2 The 53rd Annual Robert A. Welch Foundation Conference on Chemical Research (approximately 669 attendees)	353,350.
3 Norman Hackerman Award in Chemical Research (schedule 10)	235,071.
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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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	554,676,014.
b Average of monthly cash balances	1b	228,711.
c Fair market value of all other assets (see instructions)	1c	9,222,072.
d Total (add lines 1a, b, and c)	1d	564,126,797.
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	564,126,797.
4 Cash deemed held for charitable activities Enter 1-1/2% of line 3 (for greater amount, see instructions)	4	8,461,902.
5 Net value of noncharitable-use assets. Subtract line 4 from line 3 Enter here and on Part V, line 4	5	555,664,895.
6 Minimum investment return. Enter 5% of line 5	6	27,783,245.

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	27,783,245.
2a Tax on investment income for 2009 from Part VI, line 5	2a	108,083.
b Income tax for 2009 (This does not include the tax from Part VI)	2b	
c Add lines 2a and 2b	2c	108,083.
3 Distributable amount before adjustments Subtract line 2c from line 1	3	27,675,162.
4 Recoveries of amounts treated as qualifying distributions	4	610,825.
5 Add lines 3 and 4	5	28,285,987.
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	28,285,987.

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	27,823,336.
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	27,823,336.
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	108,083.
6 Adjusted qualifying distributions. Subtract line 5 from line 4	6	27,715,253.

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 2008	(c) 2008	(d) 2009
1 Distributable amount for 2009 from Part XI, line 7				28,285,987.
2 Undistributed income, if any, as of the end of 2009				
a Enter amount for 2008 only			24,116,827.	
b Total for prior years 20__, 20__, 20__				
3 Excess distributions carryover, if any, to 2009				
a From 2004 0.				
b From 2005 0.				
c From 2006 0.				
d From 2007 0.				
e From 2008 0.				
f Total of lines 3a through e 0.				
4 Qualifying distributions for 2009 from Part XII, line 4 ▶ \$ 27,823,336.				
a Applied to 2008, but not more than line 2a			24,116,827.	
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 2009 distributable amount				3,706,509.
e Remaining amount distributed out of corpus 0.				
5 Excess distributions carryover applied to 2009 (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 2008 Subtract line 4a from line 2a Taxable amount — see instructions 0.				
f Undistributed income for 2009 Subtract lines 4d and 5 from line 1 This amount must be distributed in 2010 24,579,478.				
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 2004 not applied on line 5 or line 7 (see instructions) 0.				
9 Excess distributions carryover to 2010. Subtract lines 7 and 8 from line 6a 0.				
10 Analysis of line 9				
a Excess from 2005 0.				
b Excess from 2006 0.				
c Excess from 2007 0.				
d Excess from 2008 0.				
e Excess from 2009 0.				

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

N/A

- 1a** If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2009, 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)

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

b 85% of line 2a

- c** Qualifying distributions from Part XII,
line 4 for each year listed

- d** Amounts included in line 2c not used directly for active conduct of exempt activities

- e** Qualifying distributions made directly for active conduct of exempt activities
Subtract line 2d from line 2c

- 3** Complete 3a, b, or c for the alternative test relied upon

- a 'Assets' alternative test – enter

- (1) Value of all assets**

- (2) Value of assets qualifying under section 4942(i)(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(i)(3)(B)(iii)

- (3) Largest amount of support from an exempt organization**

- (4) Gross investment income**

Part XIV **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 Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
a Paid during the year See Schedule 9				26,547,307.
Total			3a	26,547,307.
b Approved for future payment See schedule 9				11,966,457.
Total			3b	11,966,457.

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

1 Did the organization directly or indirectly engage in any of the following with any other organization described in section 501(c) of the Code (other than section 501(c)(3) organizations) or in section 527, relating to political organizations?

a Transfers from the reporting foundation to a noncharitable exempt organization of:

- (1) Cash ..
- (2) Other assets

b Other transactions.

- (1) Sales of assets to a noncharitable exempt organization
- (2) Purchases of assets from a noncharitable exempt organization
- (3) Rental of facilities, equipment, or other assets
- (4) Reimbursement arrangements
- (5) Loans or loan guarantees
- (6) Performance of services or membership or fundraising solicitations

c Sharing of facilities, equipment, mailing lists, other assets, or paid employees

d If the answer to any of the above is 'Yes,' complete the following schedule. Column **(b)** should always show the fair market value of the goods, other assets, or services given by the reporting foundation. If the foundation received less than fair market value in any transaction or sharing arrangement, show in column **(d)** the value of the goods, other assets, or services received.

[illegible]

2a Is the foundation directly or indirectly affiliated with, or related to, one or more tax-exempt organizations described in section 501(c) of the Code (other than section 501(c)(3)) or in section 527?

☐ Yes ☒ No

b If 'Yes,' complete the following schedule.

(a) Name of organization	(b) Type of organization	(c) Description of relationship

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

SIGN HERE

Signature of officer or trustee

Date _____

President

Title

**Paid
Pre-
parer's
Use
Only**Preparer's
signature

Firm's name (or yours if self-employed), address, and ZIP code

Grant Thornton, LLP
333 Clay Street, Suite 2700
Houston, Texas 77002

Date

3/31/11

☐ Check if self-employedPreparer's Identifying number
(See **Signature** in the instrs)

P00299044

FIN

36-6055558

Phone no.

832-476-3700

BAA

Form 990-PF (2009)

Taxpayer's I.D.
76-0343128

Schedule I

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2010

	Receipts and Expenses Per Book	Net Investment Income	For Exempt Purpose
Line 15			
Insurance	197,843	109,279	84,333
Payroll Taxes	44,961	25,386	19,575
Contribution to the Defined Contribution Plan	28,757	15,529	13,228
	<u>271,561</u>	<u>150,194</u>	<u>117,136</u>

Taxpayer's I.D.
76-0343128

Schedule 1a

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2010

	Receipts and Expenses Per Book	Net Investment Income	For Exempt Purpose
Line 16a - Legal Fees	34,998	30,886	4,112
Line 16b - Accounting Fees	72,299	36,150	36,149
Line 16c - Other Professional Fees			
Investment Advisors	1,909,457	1,909,457	
Custody Management Fee	48,416	48,416	
Investment Consulting	124,076	124,076	
Land and Royalty Consulting	61,800	61,800	
Other Misc. Professional Fees	27,136	14,631	12,505
	<u>2,170,885</u>	<u>2,158,380</u>	<u>12,505</u>

Taxpayer's I.D.
76-0343128

Schedule 2

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2010

	Receipts and Expenses Per Book	Net Investment Income	For Exempt Purpose
Line 18 - Taxes			
Production	118,969	114,810	0
Ad Valorem	61,390	61,390	0
Federal Excise Tax	102,081	0	0
Foreign Taxes Paid	0	271,797	0
	<u>282,440</u>	<u>447,997</u>	<u>0</u>
Line 19 - Depreciation Depletion, and Amortization			
Depletion	0	8,636	0
Depreciation (Schedule 11)	10,541	16,516	0
	<u>10,541</u>	<u>25,152</u>	<u>0</u>

Taxpayer's I.D.
76-0343128

Schedule 3

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2010

Line 23 - Other Expenses	Receipts and Expenses Per Book	Net Investment Income	For Exempt Purpose
Office Supplies	7,250	3,425	3,825
Dues and Subscriptions	23,637	9,681	13,956
Sundry	26,517	14,097	12,420
Postage	5,185	259	4,926
Insurance	90,965	51,794	35,994
Service Agreement	4,031	1,904	2,127
Visitation	806	0	806
Public Relations	492	50	442
Telephone	13,169	3,223	9,668
Computer Supplies & Maintenance	63,440	29,706	33,178
Advisory Board Fees & Expenses	369,210	0	369,210
Semiannual Meetings	28,113	0	28,113
Pension Loss	284,913	0	0
Portfolio Deductions	0	1,315,068	0
Equipment Rental, Storage & Other Leases	22,028	10,406	11,622
	<u>939,756</u>	<u>1,439,613</u>	<u>526,287</u>

Taxpayer's I.D.
76-0343128

Schedule 4

The Robert A. Welch Foundation
990PF, page 2
Year Ended August 31, 2008

Part II, Line 14, Column (b)	Basis	Accumulated Depreciation	Net
Land, Buildings, and Equipment			
Leasehold Improvements	451,133	451,133	0
Furniture and Fixtures	401,823	343,099	58,724
Automobile	41,754	27,141	14,613
Hardware	71,980	71,980	0
Software	125,848	125,848	0
	<u>1,092,538</u>	<u>1,019,201</u>	<u>73,337</u>

Part II, Line 15, Column (b)

Other Assets	
Custody Receivable	256,614
Other Receivables	41,571
Oil and Gas Royalties Receivable	197,995
Dividend Receivable	219,473
Interest Receivable	384,659
Prepaid Pension Costs	582,007
Prepaid FET	26,727
Section 10	474,667
Other Assets	44,866
	<u>2,228,579</u>

Part II, Line 22, Column (b)

Other Liabilities	
Deferred Federal Tax Payable	224,926
	<u>224,926</u>

The Robert A. Welch Foundation
Investments-US Government Obligations
Year Ended August 31, 2010
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4a

Quantity	Security	%	Cost
4,950,000	UST BDS Due 02-15-16	9.25	6,910,182
8,900,000	UST BDS Due 08-15-21	8.13	12,199,619
3,600,000	UST BDS Due 08-15-23	6.25	4,267,381
1,000,000	UST BDS Due 08-15-28	5.50	1,058,320
3,825,000	UST BDS Due 11-15-16	7.50	4,680,844
4,500,000	UST NTS Due 01-15-13	1.38	4,491,578
2,775,000	UST NTS Due 01-31-12	0.88	2,774,034
4,600,000	UST NTS Due 02-15-11	5.00	4,877,659
60,000	UST NTS Due 02-28-15	2.38	59,921
6,925,000	UST NTS Due 04-30-13	3.13	6,912,078
2,800,000	UST NTS Due 07-31-14	2.63	2,826,478
6,050,000	UST NTS Due 08-15-19	3.63	6,235,411
3,500,000	UST NTS Due 08-15-20	2.63	3,473,901
5,000,000	UST NTS Due 09-30-14	2.38	5,022,282
4,600,000	UST NTS Due 11-15-10	4.50	4,602,691
6,525,000	UST TIPS Due 01-15-18	1.63	6,691,294
			<u>77,083,673</u>
Less Accumulated Amortization			<u>(3,568,894)</u>
Total Bond Cost			<u><u>73,514,779</u></u>

The Robert A. Welch Foundation
Investments-Corporate Stocks
Year Ended August 31, 2010
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4b

Shares	Security	Cost
9,200	3M CO COM	668,303
15,550	3PAR INC COM	158,560
17,600	ABBOTT LABS COM	914,686
7,450	ACTUANT CORP CL A	143,151
9,450	ADMINISTAFF INC COM	220,170
23,610	AGILENT TECH	679,331
930	ALLEGHANY CORP DEL COM	238,079
32,900	ALTERA CORP COM	615,066
31,300	ALTRIA GROUP	573,328
7,800	AMERICAN EXPRESS	265,887
8,050	AMERICAN MED SYS HLDGS COM	126,462
21,280	AMGEN	1,203,456
3,450	ANSYS INC COM	86,787
21,520	AOL INC COM	533,583
26,000	AON CORP COM	946,824
7,200	APACHE CORP COM	536,702
6,100	APPLE COMPUTER INC COM	1,039,708
21,450	ARCH COAL INC COM	508,162
7,450	ARRIS GROUP INC COM	88,814
31,667	ART TECHNOLOGY GROUP COM	127,122
4,650	ASTEC INDS INC COM	138,681
18,905	ATLAS ENERGY INC COM	618,596
121,830	ATMEL CORP COM	526,015
3,550	ATWOOD OCEANICS INC COM	115,030
9,500	AUTOMATIC DATA PROCESS COM	403,154
6,530	AUTOZONE	1,091,120
5,300	BALDOR ELEC CO COM	185,814
30,650	BALL	1,043,807
19,500	BANK OF AMERICA	755,556
24,100	BAXTER INTL	1,207,581
4,300	BECTON DICKINSON	292,671
13,800	BERKLEY W R CORP COM	320,357
6,300	BJS RESTAURANTS INC COM	104,339
13,825	BOYD GAMING CORP COM	115,651
10,600	BRIGHAM EXPLORATION COM	152,557
21,000	BROCADE COMMUNCTNS SYS COM	115,146
8,550	BRUNSWICK CORP COM	98,069
850	BUFFALO WILD WINGS INC COM	35,237
9,400	CALGON CARBON CORP	164,921
10,200	CALLAWAY GOLF CO COM	95,520
1,500	CARBO CERAMICS INC COM	114,004
6,450	CARPENTER TECHNOLOGY COM	140,065
5,200	CASH AMER INTL INC COM	190,491
5,400	CATERPILLAR INC DEL COM	350,631
42,699	CELERA CORP COM	300,285

The Robert A. Welch Foundation
Investments-Corporate Stocks
Year Ended August 31, 2010
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4b

Shares	Security	Cost
15,870	CHEMED CORP COM	747,621
14,200	CHEVRON CORP	973,981
8,200	CINEMARK HOLDINGS INC COM	141,314
5,150	CIRCOR INTL INC COM	150,137
18,100	CISCO SYS	587,778
4,600	CLARCOR INC COM	159,869
57,300	COCA COLA	2,136,895
71,100	COMCAST CORP CL A SPL	1,279,435
12,250	COMPELLENT TECHNOLOGIE COM	178,333
23,090	COMPUTER SCIENCES CORP COM	1,213,308
6,900	CONCEPTUS INC COM	129,526
12,600	CONOCOPHILLIPS	526,454
3,500	COPART INC COM	93,385
1,950	CORE LABORATORIES N V COM	85,421
13,850	CROCS INC COM	140,049
59,620	CROWN HOLDINGS	956,920
3,600	CYTEC INDS INC COM	121,480
17,720	DEVON ENERGY	1,177,868
5,100	DIGITAL RIV INC COM	139,718
11,000	DISCOVERY COMMUN COM SER C	225,213
5,600	DISNEY	203,003
50,075	DRESSER-RAND GROUP INC COM	1,258,594
2,700	DRIL-QUIP INC COM	75,814
7,310	DST SYS	415,079
4,350	DSW INC CL A	51,972
19,430	EASTMAN CHEMICAL	1,102,712
18,800	ECOLAB	637,935
5,500	ENDO PHARMACEUTC HLDGS COM	103,977
4,965	ENSCO PLC SPONSORED ADR	174,224
48,580	ENZON PHARMACEUTICALS COM	407,528
4,450	EVERCORE PARTNERS INC CLASS A	141,635
26,780	EXTERRAN HLDGS INC COM	691,388
35,172	EXXON MOBIL	2,392,723
11,800	FIDELITY NATL INFO SVC COM	235,888
7,650	FIRST CASH FINL SVCS COM	141,278
12,773	FIRST HORIZON NATL CP COM	125,368
6,250	FORWARD AIR CORP COM	198,571
6,300	FREEPORT-MCMORAN COP&G CL B	712,976
29,190	GENERAL DYNAMICS	1,828,511
31,600	GENERAL ELECTRIC	426,652
11,650	GLACIER BANCORP COM	210,339
17,450	GLEACHER & CO INC COM	76,161
18,390	GLOBAL CROSSING LTD SHS	398,089
13,100	HALLIBURTON CO COM	423,694
3,850	HAYNES INTERNATL INC COM	135,198

The Robert A. Welch Foundation
Investments-Corporate Stocks
Year Ended August 31, 2010
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4b

Shares	Security	Cost
16,300	HEALTH MGMT ASSOC INC CL A	149,137
17,894	HEALTH NET INC COM	323,433
13,600	HEXCEL CORP COM	213,161
6,450	HIBBETT SPORTS INC COM	119,513
4,800	HOME BANCSHARES INC COM	114,106
6,983	HSBC HLDGS ADR	441,069
21,530	INGERSOLL-RAND PLC SHS	792,434
31,200	INTEL	262,151
8,250	INTERFACE INC CL A	102,668
4,800	INTL BUS MACH	617,127
900	INTUITIVE SURGICAL INC COM	249,314
21,700	JOHNSON & JOHNSON	1,318,268
17,000	JP MORGAN CHASE&CO	749,217
1,750	K12 INC COM	39,795
4,050	KAYDON CORP COM	178,805
3,600	KIRBY CORP COM	114,243
19,500	KRAFT FOODS	562,362
38,990	L-1 IDENTITY SOLUTIONS COM	424,081
4,600	L-3 COMMUN. HLDGS	345,308
22,640	LEAP WIRELESS	860,758
38,730	LIBERTY GLOBAL INC COM SER C	801,653
1,640	LIBERTY MEDIA CORP LIB STAR COM	46,025
4,050	LIFE TIME FITNESS INC COM	122,334
12,700	LIVE NATION INC COM	105,166
7,850	LKQ CORP COM	113,640
11,500	LOEWS CORP COM	371,668
4,500	LOGMEIN INC COM	83,166
124,518	LSI LOGIC CORP COM	874,344
4,700	LUMBER LIQUIDATORS HLD COM	115,054
2,150	MANTECH INTL CORP CL A	99,725
18,600	MCDONALDS	811,423
10,100	MCGRAW HILL	106,710
8,500	MEDASSETS INC COM	165,883
9,300	MEDTRONIC	495,955
16,900	MERCK & CO INC	552,316
7,500	MERIT MED SYS INC COM	137,032
63,100	MICROSOFT	1,855,254
1,750	MICROSTRATEGY INC CL A	82,662
3,450	MIDDLEBY CORP COM	163,318
3,200	MONRO MUFFLER BRAKE COM	100,607
19,150	MUELLER WTR PRODS INC COM SER	96,629
4,950	MWI VETERINARY SUPPLY COM	162,991
9,100	NATIONAL CINEMEDIA INC COM	145,600
5,800	NATIONAL INSTRS CORP COM	171,075
33,750	NESTLES ADR	323,511

The Robert A. Welch Foundation
Investments-Corporate Stocks
Year Ended August 31, 2010
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4b

Shares	Security	Cost
14,800	NETEZZA CORP COM	134,641
14,700	NEWFIELD EXPL CO COM	761,807
46,900	NEWS CORP CL A	372,581
1,400	NOBLE ENRGY INC COM	61,950
6,900	NOVO-NORDISK A S ADR	406,044
6,650	NUANCE COMMUNICATIONS COM	66,417
3,900	NUVASIVE INC COM	146,031
38,200	NVIDIA CORP COM	452,062
6,900	OASIS PETE INC COM	112,322
8,900	OCCIDENTAL PETE	675,875
21,360	OWENS CORNING COM	457,459
32,690	PACKAGING CORP AMER	565,655
7,850	PAREXEL INTL CORP COM	111,768
13,500	PEPSICO	767,752
6,350	PERKINELMER INC COM	140,429
33,400	PHILIP MORRIS INTL INC COM	1,527,559
7,800	PINNACLE FINL PARTNERS COM	127,906
25,380	PRAXAIR	1,483,756
10,270	PRECISION CASTPARTS	946,137
15,100	PROCTER & GAMBLE	799,081
21,200	PROGRESSIVE CORP OHIO COM	580,254
3,750	PROSPERITY BANCSHARES COM	112,837
7,950	PSS WORLD MED INC COM	155,829
9,800	QUALCOMM INC COM	406,521
3,500	RAVEN INDS INC COM	125,829
6,150	RAYMOND JAMES FINL INC COM	103,816
11,130	RAYTHEON	453,937
5,975	RESOURCES CONNECTION I COM	104,094
4,500	RIO TINTO PLC SPONSORED ADR	290,182
9,500	ROCHE HLDG LTD SPONSORED ADR	422,304
7,880	ROCKWELL COLLINS INC COM	335,730
9,610	ROCKWOOD HLDGS INC COM	272,590
5,350	ROFIN SINAR TECH INC COM	142,223
6,300	ROSETTA RESOURCES INC COM	145,317
10,600	ROYAL DUTCH SHELL PLC SPONS AI	473,252
3,300	RUDDICK CORP COM	100,370
45,460	SARA LEE CORP COM	574,545
4,100	SCHLUMBERGER LTD COM	340,796
7,550	SCHULMAN A INC COM	137,249
60,970	SEAGATE TECHNOLOGY PLC SHS	1,116,593
8,220	SHERWIN WILLIAMS CO COM	451,535
5,000	SILGAN HOLDINGS INC COM	112,620
4,050	SM ENERGY CO COM	156,281
6,750	SONIC CORP COM	82,212
61,200	SYNOVUS FINL CORP COM	191,687

The Robert A. Welch Foundation
Investments-Corporate Stocks
Year Ended August 31, 2010
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4b

Shares	Security	Cost
7,200	SYSCO	251,181
2,000	TECHNE CORP COM	113,325
19,830	TECK COMINCO LTD CL B	576,590
30,840	TEEKAY SHIPPNG	1,154,192
4,550	TEMPUR PEDIC INTL INC COM	61,279
6,800	TEVA PHARMACEUTCL INDS ADR	313,268
7,500	TEXAS CAPITAL BNCSHRS COM	136,264
17,320	THERAVANCE INC COM	223,348
12,000	THERMO ELECTRON	404,947
18,650	TIBCO SOFTWARE INC COM	159,620
11,000	TOTAL S A ADR	641,947
2,900	TRACTOR SUPPLY CO COM	186,843
4,950	TRIMBLE NAVIGATION LTD COM	96,298
17,700	TX INSTRS	564,119
29,270	TYCO ELECTRONICS LTD S SHS	807,114
6,500	ULTA SALON COSM & FRAG COM	72,527
11,700	UMPQUA HLDGS CORP COM	148,727
9,100	UNITED TECHNOLOGIES CP COM	640,417
18,700	UNITEDHEALTH GROUP	1,010,983
9,850	UTI WORLDWIDE INC ORD	120,015
33,182	VALEANT PHARMACEUTICAL	467,474
31,650	VALSPAR CORP COM	629,080
21,100	VODAFONE GROUP PLC ADR	489,670
28,700	WAL MART	1,172,199
17,400	WALGREEN	546,073
5,340	WALTER ENERGY INC COM	342,997
3,000	WARNACO GROUP INC COM	85,670
17,100	WASTE MGMT	542,621
5,800	WESCO INTL INC COM	240,835
19,200	WILLIS GROUP HLDGS	685,056
31,330	WYNDHAM WORLDWIDE CORP COM	767,751
3,150,406	GMO TR FOREIGN III	46,541,549
188,621	ISHARES EAFE IDX	11,363,267
57,096	ISHARES S&P 500 INDEX	5,272,865
1,008,807	SII INT'L VALUE EQUITY	55,189,102
2,964,509	WELLINGTON CTF DIH	48,733,747
971,673	WELLINGTON CTF EQUITY	37,345,359
		<u>293,768,338</u>

The Robert A. Welch Foundation
Investments-Other
Year Ended August 31, 2010
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	<u>24,510,143</u>
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Part II, Line 13, Column (b)

Other Investments:

Ashbel Smith Management Company Preferred	156,666
Ashbel Smith Management Company Common	20,000
Mineral and Fee Properties	3,116,393
Archstone Offshore Fund LTD	65,400,000
Barlow Partners Offshore LTD	19,000,000
City of London-Investable Emerging Market Country Fund	18,976,023
Commonfund Capital International Partners VI, LP	1,440,000
Commonfund Capital Private Equity Partners VII, LP	1,094,000
Lexington Capital Partners VII, LP	804,790
Siguler Guff Distressed Opportunities Fund III, LP	8,417,528
TIFF ARP II Series	10,000,000
Varde Fund IX-A, LP	<u>8,000,000</u>
	<u>136,425,400</u>

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, 2010

Part III, Line 5

Decrease in Fund Balances
Change in Recorded Cost of Securities
Deferred Federal Excise Tax Provision

3,096.031
<u>224,926</u>
<u><u>3,320.957</u></u>

Taxpayer's I.D.
76-0343128

Schedule 6

The Robert A. Welch Foundation
990PF, page 6
Year Ended August 31, 2010

Part VIII, Line 1

Name/ Address	Title	Time Devoted	Compensation	Benefit Plans	Expense Account and Allowance
Dennis R. Hendrix 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730 Chairman 9/01/09 to 9/20/10	Chairman & Director	6 hours	35,833	0	0
Ernest H. Cockrell 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730 Chairman 9/21/09 to 8/31/10	Chairman & Director	4 hours	49,167	0	0
Wilhelmina E. Robertson 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730	Vice Chairman & Director	4 hours	35,000	0	0
Peter J. Fluor 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730 9/01/09 to 12/07/10	Director	4 hours	9,409	0	0
Charles W. Tate 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730	Treasurer & Director	4 hours	35,000	0	0
James T. Hackett 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730 12/07/09 to 8/31/10	Secretary & Director	4 hours	25,685	0	0
Norbert Dittrich 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730	President	40 hours	436,255	11,290	8,964
			<u>626,349</u>		
Applied to Direct Charitable Activities			(111,292)		
Page 1, Part 1, Line 13(a)			<u>515,057</u>		

The Robert A. Welch Foundation
Year Ending August 31, 2010

Taxpayer's I.D. 76-0343128
Schedule 7

Security	Proceeds	Cost Basis	Gain or Loss Short Term	Gain or Loss Long Term
Publicly Traded Securities	132,595,552	133,391,481	3,947,638	(4,743,567)
Other Gains and Losses:				
Silchester International Value Equity	5,451,930	5,676,768	0	(224,838)
City of London	8,100,000	5,013,571	1,096,560	1,989,869
Wellington CTF Equity	10,600,000	13,602,542	0	(3,002,542)
Ashbel Smith			0	(182)
Brandywine (K-1)			193,925	(473,841)
City of London (K-1)			9,070,643	292,284
Commonfund Capital International Partners IV (K-1)			(1,079)	1,259
Commonfund Capital Private Equity Partners VII (K-1)			401	(1,020)
Siguler Guff (K-1)			80,481	(10,403)
Silchester International Value Equity (K-1)			(258,780)	(2,917,886)
Varde (K-1)			2,806	0
Wellington CTF DIH (K-1)			2,199,935	(774,287)
Wellington CTF Research Equity (K-1)			(106,331)	(6,327,988)
	156,747,482	157,684,362	16,226,199	(16,193,142)
Short Term Taxable Gain(Loss)				16,226,199
Long Term Taxable Gain(Loss)				(16,193,142)
Part I, Line 7				<u>33,057</u>

Taxpayer's I.D.
76-0343128

Schedule 8

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2010

	<u>Receipts and Expenses Per Book</u>	<u>Net Investment Income</u>	<u>For Exempt Purpose</u>
Line 11			
Other Income:			
Royalties	2,218,587	2,206,855	0
Other Income	385,355	1,751,961	0
	<u>2,603,942</u>	<u>3,958,816</u>	<u>0</u>

#	Grantee	Description	Balance 8/31/2009	Total Approved	Total Paid	Cancel	Balance 8/31/2010
1242	Baylor College of Medicine	Structural Studies of Viruses	70,000	0	70,000		0
1512	Baylor College of Medicine	Biochemical Mechanisms for Bird-to-Human Transmission of Avian H5N1 Influenza A Virus	0	170,000	90,000		80,000
1521	Baylor College of Medicine	Role of Chemical Modifications in Regulation of Proteasomal Enzymatic Activity	0	100,000	50,000		50,000
1279	Baylor College of Medicine	X-ray Crystallographic Studies on Viruses and Viral Proteins	60,000	10,000	70,000		0
581	Baylor College of Medicine	Molecular Basis for the Roles of Calmodulin in Membrane Fusion and Channel Activities	80,000	10,000	90,000		0
1673	Baylor College of Medicine	Modulation of Telomerase Activity by Telomeric Binding Proteins	0	100,000	50,000		50,000
1530	Baylor College of Medicine	Chemistry and Mechanism of RNA Polymerase II Transcription	0	130,000	70,000		60,000
1698	Baylor College of Medicine	Mechanism of Regulation of Replication Enzymes	50,000	0	50,000		0
1395	Baylor University	New C ₂ -Asymmetric Nitrogen and Phosphorus Ligands for Metal-Mediated Catalysis	0	100,000	50,000		50,000
1173	Baylor University	Vibrational Spectroscopy of Molecules at Cryogenic Temperatures	0	100,000	50,000		50,000
656	Lamar University	Mechanism of Ion Induced Electron Emission from Surfaces	0	50,000	48,496	1,504	0
1680	Rice University	New Strategies for Catalytic Bond Formation	50,000	0	50,000		0
1309	Rice University	Novel Peroxisomal Processes in Plants	70,000	0	70,000		0
1729	Rice University	Dynamical Consequences of Protein Chemistry in Synthetic Gene Circuits	0	100,000	50,000		50,000
490	Rice University	Chemistry of Carbon Nanomaterials	90,000	0	90,000		0
1681	Rice University	Developing Algorithms for Solid-State Quantum Chemistry	50,000	0	12,500		37,500
1241	Rice University	Structure and Properties of Complex Fluids in the Bulk and Interfacial Regions	70,000	0	70,000		0
1570	Rice University	Mapping the Free Energy Landscape of Proteins by Combining Theory and Experiment	0	170,000	90,000		80,000
1625	Rice University	Synthesis of Mechano-Chemical Shearing-Mode Oscillators Using Artificial Proteins and Orthogonal Protein Labeling Chemistries	0	50,000	50,000		0
1598	Rice University	Design, Synthesis and Characterization of Shaped and Layered Gold Nanoparticles	50,000	0	50,000		0
1682	Rice University	Infrared and Millimeterwave Spectroscopy of Graphene	50,000	0	50,000		0
734	Rice University	Studies Involving Molecules in High Rydberg States	90,000	0	90,000		0
499	Rice University	Noncovalent and Covalent Attachment of Bioactive Molecules to Single-Walled Carbon Nanotubes	50,000	0	50,000		0
1220	Rice University	Chemical Properties of Nanoparticle-Molecular Complexes	0	170,000	90,000		80,000
1557	Rice University	Synthesis of Nanostructured Organic Materials via Self-Assembly	60,000	10,000	70,000		0
991	Rice University	Interaction of Water-Soluble Amphipathic Molecules with Lipid Bilayers	70,000	0	70,000		0
1133	Rice University	Mechanisms for Molecule Formation in Ultracold Atomic Gases	80,000	10,000	90,000		0
1739	Rice University	Ultracold Molecules Dynamics, Coherence and Correlations	0	100,000	50,000		50,000
1605	Rice University	Investigation of Single Molecule Motion and Molecular Machines by STM	50,000	0	50,000		0
1632	Rice University	Probing Protein-Nucleic Acid Interactions with Single-Molecule AFM	50,000	0	50,000		0
1579	Rice University	Strontium Fermi Gases and Bose-Fermi Mixtures	0	100,000	50,000		50,000
1685	Rice University	Surface Enhanced Raman Scattering Excitation Profiles with Nanoparticle Substrates	50,000	0	50,000		0
1559	Rice University	Theoretical Investigation of Polymer Translocation Phenomena	60,000	10,000	70,000		0
1509	Rice University	Optical, Infrared, and Terahertz Dynamics of Carbon Nanomaterials	0	130,000	70,000		60,000
1664	Rice University	Chemically Directed Alignment of Macro-Molecules in Liquid Crystalline Solvents The Role of Short and Long Range Molecular Interactions on Anisotropic Solvation and Diffusion	0	100,000	50,000		50,000
1716	Rice University	Scalable Synthesis of Graphene and Related Nanocomposite for Dye Sensitized Solar Cell Individualization of Single-Walled Carbon Nanotubes on Zeolitic Materials without the Aid of Wrapping Molecules	50,000	0	50,000		0
1743	Rice University	Terpene Biosynthesis	90,000	0	90,000		0
576	Rice University	Genetic Regulatory Proteins Structure-Function Relationships	90,000	0	90,000		0
1538	Rice University	The Terahertz Spectroscopic Properties of Crystalline Alkanes	50,000	0	50,000		0
1636	Rice University	Novel Single-Molecule Vibrational Spectroscopies	0	50,000	50,000		0
1222	Rice University	Theoretical Investigations of Chemical Properties of Nanosystems	0	170,000	90,000		80,000

The Robert A. Welch Foundation
Year Ended August 31, 2010

Taxpayer's ID 76-0343128
Schedule 9

#	Grantee	Description	Balance 8/31/2009	Total Approved	Total Paid	Cancel	Balance 8/31/2010
612	Rice University	Chemical Mechanisms of Ligand Binding to Heme Proteins	90,000	0	90,000		0
729	Rice University	Studies of Natural Product Biosynthesis	50,000	0	50,000		0
1668	Rice University	Antenna Chemistry with Single Wall Carbon Nanotubes	0	100,000	50,000		50,000
1669	Rice University	Superchemistry: Quantum Control of Ultracold Molecules	0	100,000	50,000		50,000
1071	Rice University	Fundamental Properties of Colloid-Polymer Systems	50,000	0	50,000		0
1411	Rice University	Theoretical Studies of Electronic Dynamics and Transport in Carbon Nanotubes and Related Nanostructures	0	170,000	90,000		80,000
1614	Rice University	Biochemical Mechanism of Iron-Sulfur Cluster Synthesis	50,000	0	50,000		0
1565	Rice University	The Mechanism of Protein-Primer RNA Synthesis in Viral Genome Replication - Locate the Guanylation Active Site in Birnavirus VP1 using Digoxigenin-11-UTP	0	50,000	50,000		0
586	Rice University	Precision Trace Gas Monitoring Using Mid-IR Quantum Cascade Lasers	80,000	10,000	90,000		0
1750	Rice University	Achieving a Controlled Nanoscale Structure in π -Conjugated Polymers	0	100,000	50,000		50,000
807	Rice University	Photostudies of Carbon Nanostructures	60,000	10,000	70,000		0
976	Rice University	Main Group Element Chemistry	0	130,000	70,000		60,000
627	Rice University	Carbon Nanocapsules as MRI Contrast Agent Platforms	50,000	0	50,000		0
1676	Rice University	Chemical Synthesis and Catalysis of Bimetallic Nanoparticles	0	100,000	50,000		50,000
1590	Rice University	Science of Nearly-1D Materials From Nanotubes to Nanowires	0	130,000	70,000		60,000
1752	Rice University	Multiple-Dimensional Optical Spectroscopy	0	100,000	50,000		50,000
1703	Rice University	Soluble Assemblies of Catalytically-Active Nanocrystals	50,000	0	50,000		0
1322	Southern Methodist University	Studies of Heterocarboranes and their Charge Compensated Analogues	70,000	0	70,000		0
1678	Texas A&M University	Quantum Coherent Synthesis and Decomposition	62,500	0	62,500		0
1647	Texas A&M University	Protein Self-Modification Reaction Mechanisms	12,500	100,000	62,500		50,000
1310	Texas A&M University	Quaternary Structure Contributions to Enzyme Catalysis A Do-Decamann Cyanidase	62,500	0	62,500		0
639	Texas A&M University	Phase-Facilitated Catalysis and Synthesis	75,000	10,000	70,000		15,000
747	Texas A&M University	The Structure and Dynamics of Prototypical Non-Covalent Interactions	75,000	10,000	70,000		15,000
1706	Texas A&M University	The Sonogashira Catalyst System for C-C Coupling Reactions New Mechanistic Insights and Improved Recyclability	62,500	0	62,500		0
1121	Texas A&M University	Acidic Intermediates in Asymmetric Hydrogenations	75,000	10,000	70,000		15,000
673	Texas A&M University	Metal Phosphonates as Crystal Engineered Solids	15,000	130,000	70,000		75,000
1623	Texas A&M University	New Methods for Asymmetric Catalysis	12,500	50,000	62,500		0
1421	Texas A&M University	The Effect of Osmolytes on Water and Protein Structure	112,500	0	90,000		22,500
923	Texas A&M University	Mixed Metal Cyanide Derivatives and Their Role in Catalysis	75,000	10,000	70,000		15,000
924	Texas A&M University	Bioinorganic Chemistry Peptide Models of SOD and N-Hase Enzyme Active Sites	75,000	10,000	70,000		15,000
1449	Texas A&M University	Magnetism, Conductivity, and the Interplay Between These Properties in d, p and f block Materials with Organocyanide Ligands	100,000	10,000	90,000		20,000
960	Texas A&M University	Polyuclear Gold and Related Element Chemistry with Nitrogen Ligands - Syntheses, Structure and Reactivity	40,000	170,000	110,000		100,000
1710	Texas A&M University	Chemical Investigation of the Heaviest Elements	75,000	0	75,000		0
1218	Texas A&M University	Spectroscopy and Storage of the Components of Entangled Quantum States of Mercury	25,000	100,000	75,000		50,000
1423	Texas A&M University	Synthesis, Structure and Redox Properties of α -phosphonyl- and α -phosphono-carboxylates	75,000	0	75,000		0
1082	Texas A&M University	Asymptotic Normalization Coefficients in Nuclear Astrophysics	75,000	0	75,000		0
1656	Texas A&M University	Selective Methane Oxidations in Fluorous Media	25,000	100,000	75,000		50,000
648	Texas A&M University	Computational Chemistry of Transition Metal Systems	90,000	10,000	85,000		15,000
1397	Texas A&M University	Nuclear Decay Studies	25,000	100,000	62,500		62,500
1658	Texas A&M University	Structural Perspectives on Transmembrane Helix Assembly by NMR	25,000	100,000	62,500		62,500
1358	Texas A&M University	Theoretical Studies of Heavy Ion Collisions	90,000	10,000	85,000		15,000
396	Texas A&M University	Molecular Conformations and Vibrational Potential Energy Surfaces	120,000	10,000	110,000		20,000
1687	Texas A&M University	Structural Biology of Viral RNA Sensing by the RIG-I Family RNA Helicases	75,000	0	62,500		12,500
1170	Texas A&M University	Biophysical Probes of Iron Metabolism in Yeast Vacuoles	25,000	100,000	62,500		62,500
1715	Texas A&M University	Synthesis and Evaluation of Methyltransferase-Mediated Alkylated Agents	75,000	0	62,500		12,500

The Robert A. Welch Foundation
Year Ended August 31, 2010

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Schedule 9

#	Grantee	Description	Balance 8/31/2009	Total Approved	Total Paid	Cancel	Balance 8/31/2010
1742	Texas A&M University	The Structural Basis for Ligand Recognition and Allostery in Signaling Proteins	0	100,000	37,500		62,500
1020	Texas A&M University	Molecular and Recoil Frame Photoelectron Angular Distributions from Nonlinear Molecules	120,000	10,000	110,000		20,000
1688	Texas A&M University	Chemical Dynamics of Ultracold Molecules and Atomic Hydrogen	75,000	0	62,500		12,500
330	Texas A&M University	Nuclear Reaction Studies	25,000	100,000	62,500		62,500
514	Texas A&M University	The Influence of Reduced Dimensionality, Disorder, and Surfaces on the Properties of Solids	90,000	10,000	85,000		15,000
1405	Texas A&M University	Photofragment Imaging of Atmospheric Radicals	25,000	100,000	62,500		62,500
1717	Texas A&M University	New Discoveries of Main Group Hypercoordinate Compounds and Beyond	75,000	0	62,500		12,500
1746	Texas A&M University	An Atomic Resolution Biochemical Approach to Structure-Function Analysis of a Ribonucleoprotein Complex — Telomerase	0	100,000	37,500		62,500
840	Texas A&M University	Enzyme Reaction Mechanisms	105,000	0	87,500		17,500
1543	Texas A&M University	Identification and Characterization of Transient Protein-Protein Interactions	105,000	0	87,500		17,500
1280	Texas A&M University	Novel Strategies for Bioactive Natural Product Total Synthesis via β -Lactone Intermediates (2 Oxeitanones)	120,000	10,000	110,000		20,000
1526	Texas A&M University	Magnetism and Electronic Behavior of Clathrates and Cage-Structured Materials	30,000	130,000	85,000		75,000
1176	Texas A&M University	Studies of the Structure of Gas-Phase Peptide Ions	25,000	100,000	62,500		62,500
1546	Texas A&M University	Preparation and Optical Studies of Ultracold Molecular Ions Using CW and Femtosecond Laser Radiation	75,000	0	62,500		12,500
1261	Texas A&M University	Studies in Laser and Quantum Chemistry	135,000	0	112,500		22,500
1671	Texas A&M University	Properties of Self-Assembled Metal Nanoparticles Embedded in Monocrystalline Silicon	25,000	100,000	62,500		62,500
1439	Texas A&M University	Molecular Recognition in Cyclodextrin Containing Dendrimers	75,000	0	37,500		37,500
1547	Texas A&M University	Applications of Molecular Coherence in Ultrafast Optics	105,000	0	87,500		17,500
1639	Texas A&M University	Energy Transfer in Doped Anisotropic Semiconductor Nanostructures	75,000	0	62,500		12,500
1064	Texas A&M University	Surface Chemistry of Nanostructured Noble-Metal Electrodes	25,000	0	25,000		0
1585	Texas A&M University	Enhanced Anisotropy of Molecular Nanomagnets	25,000	0	24,984	16	0
1587	Texas A&M University	Probing the Molecular Origin and Biological Actions of Substituted Cyclohexadienals	25,000	0	25,000		0
355	Texas A&M University	Excitation of Atoms and Molecules in Collisions with Fast, Highly-Charged Ions	25,000	0	25,000		0
1700	Texas A&M University	Synthesis of the Carbocyclic Core of Zoonthamides	75,000	0	62,500		12,500
770	Texas A&M University	Electron Atom/Molecule Scattering and Auger Resonances and Photoionization Cross Sections using Complex Scaled Multiconfigurational Based Methods	90,000	10,000	85,000		15,000
1266	Texas A&M University	The Equation of State for a Two-Component Nuclear System	105,000	0	87,500		17,500
1417	Texas A&M University	Chemical Kinetics and Mechanism of Hydrocarbon Oxidation Reactions	30,000	130,000	85,000		75,000
1725	Texas A&M University	The Discovery of Stable Metal-Organic Frameworks with Record-High Surface Areas	75,000	0	62,500		12,500
894	Texas A&M University at Galveston	Chemical Models Classical to Quantum-Theoretic	80,000	10,000	90,000		0
1541	Texas A&M University System HSC	Visualizing Nuclear Import of a Large Cargo by Single Molecule Fluorescence Microscopy	50,000	0	50,000		0
1281	Texas A&M University System HSC	Forces Involved in Protein Folding and Stability	60,000	10,000	70,000		0
1460	Texas A&M University-Commerce	Chiral Ionic Liquids, A New Class of Solvents for Asymmetric Reactions	0	50,000	50,000		0
1212	Texas Christian University	Controlled Formation of New Heterointerfacial Nanostructures on One Dimensional Curved Nanowire Surfaces	60,000	10,000	70,000		0
1737	Texas Christian University	Intramolecular Bismuth and Antimony-Carbon Bond Formation and Reactivity	0	100,000	50,000		50,000
1666	Texas Christian University	Synthesis of Functionalized Organophosphorus Compounds via Organoboranes	0	100,000	50,000		50,000
759	Texas Christian University	New Inorganic-Organic Hybrid Polymers	50,000	0	50,000		0
1637	Texas Christian University	Multinuclear Metal Phosphonates and Phosphinates as Innovative Materials with Diverse Functions	0	50,000	0	50,000	0
1675	Texas Southern University	Many-Body Density Matrix Perturbation Theory	0	100,000	50,000		50,000
1239	Texas Tech University	Studies of Pseudopericyclic and Pericyclic Reactions	70,000	0	70,000		0
1707	Texas Tech University	C-H Bond Activation Using Masked Forms of Fluorenyl Cobalt(II) Complexes	50,000	0	50,000		0
1126	Texas Tech University	Dynamics of Defects in Silicon	60,000	10,000	70,000		0
710	Texas Tech University	Mechanisms of Protein Disulfide/Dithiol Redox Reactions	50,000	0	50,000		0

The Robert A. Welch Foundation
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#	Grantee	Description	Balance 8/31/2009	Total Approved	Total Paid	Cancel	Balance 8/31/2010
1361	Texas Tech University	Chiral N-Phosphorylimines-Controlled Asymmetric Reactions of Halo Endolates	60,000	10,000	70,000		0
1321	Texas Tech University	Muonum Energies and Defect Chemistry in Compound Semiconductors	50,000	0	50,000		0
1539	Texas Tech University	New Challenges for a Novel Coherent-States Dynamics Method	50,000	0	50,000		0
1667	Texas Tech University	Single Molecule Investigation of Energy Transfer and Light Harvesting of Phycobiliproteins	0	100,000	50,000		50,000
1478	Texas Tech University	Natural Product Chemistry and Mechanisms of Flavonoid Oxidation	60,000	10,000	70,000		0
1523	Texas Tech University	New Methodologies for Accurate Quantum Calculations of the Dynamics of Atomic Nuclei	0	130,000	70,000		60,000
1289	The University of Texas at Arlington	Metal Complexes of Fluorinated Ligands	0	170,000	90,000		80,000
1362	The University of Texas at Arlington	Total Synthesis of Marine Alkaloids of the Orodin and Leucetia Families	50,000	0	50,000		0
1301	The University of Texas at Arlington	Determination of the Mechanism of DNA Cleavage by Ruthenium-based Interallators	0	100,000	50,000		50,000
1525	The University of Texas at Arlington	A Density Functional Study of the Surface Electronic Behavior of Actinide Metals	0	130,000	70,000		60,000
1100	The University of Texas at Arlington	Annihilation Induced Gamma and Auger Spectroscopy for the Chemical Analysis of Surfaces	50,000	0	50,000		0
1151	The University of Texas at Austin	Peptides as Differential Sensors	25,000	130,000	80,000		75,000
1705	The University of Texas at Austin	Mid-Infrared Photoacoustic Spectroscopy with Nanometer Resolution Using Quantum Cascade Lasers	75,000	0	62,500		12,500
1621	The University of Texas at Austin	Dynamic Polymers as Recyclable Catalysts	75,000	0	62,500		12,500
100	The University of Texas at Austin	Structural Chemistry	105,000	0	87,500		17,500
1155	The University of Texas at Austin	Charge-State Dependent Reactivity of Gas-Phase Ions	30,000	130,000	85,000		75,000
1217	The University of Texas at Austin	Applications of Atomic and Molecular Imaging with Transmission Electron Microscopy	30,000	0	30,000		0
1708	The University of Texas at Austin	Simulating the Emergence of Crystallinity Quantum Modeling of Liquids	75,000	0	62,500		12,500
1390	The University of Texas at Austin	Acquiring Highly Selective Inhibitors of ERK5	25,000	100,000	62,500		62,500
1626	The University of Texas at Austin	High Intensity Femtosecond XUV Multi-Electron Ionization and Fragmentation of Methane Clusters	75,000	0	62,500		12,500
1653	The University of Texas at Austin	Analytical Chemistry Using a Hybrid Silicon/Organic Semiconductor Sensor	25,000	100,000	62,500		62,500
1038	The University of Texas at Austin	Femtosecond Nonlinear Spectroscopy of Column IV Nano-Interface Chemistry	40,000	170,000	110,000		100,000
1502	The University of Texas at Austin	Chemistry on Semiconductor and Dielectric Surfaces	25,000	100,000	62,500		62,500
1654	The University of Texas at Austin	Directed Evolution of Integrase Specificity	25,000	100,000	62,500		62,500
1709	The University of Texas at Austin	Robust and Versatile Chemistry for Self-Assembly Directed Nanomaterials	75,000	0	62,500		12,500
1734	The University of Texas at Austin	Growth of Nanoscale ZnO Superstructures through a Chemical Route Assisted by One Dimensional Catalysts	0	100,000	37,500		62,500
1572	The University of Texas at Austin	Chemical Probes for Biological Catalysts	25,000	130,000	80,000		75,000
1573	The University of Texas at Austin	Chemical Analysis of Nanometer Scaled Environments in the Plasma Membrane of Living Cells	25,000	100,000	62,500		62,500
1599	The University of Texas at Austin	Fundamental Studies of Self-Assembly in Mixtures of Organic and Inorganic Molecules	75,000	0	62,500		12,500
1066	The University of Texas at Austin	Influence of Counter Cation in Mixed-Metal Oxides	40,000	170,000	110,000		100,000
1427	The University of Texas at Austin	Computational and Comparative Determination of RNA Structural Motifs and Pseudo-Energies	75,000	0	62,500		12,500
1219	The University of Texas at Austin	X-ray Structural Analysis of Proteins	25,000	0	25,000		0
1351	The University of Texas at Austin	Allosteric Mechanism by which the Second Messenger Cyclic Diguanylate (c-di-GMP) Controls the Speed and Direction of a Bacterial Nanometer	25,000	50,000	62,500		12,500
1131	The University of Texas at Austin	Ear Inflammation Detecting Nitric Oxide Probe	120,000	10,000	110,000		20,000
1601	The University of Texas at Austin	First-Principles Calculations of Catalytic Reactions on Metal Surfaces and Nanoparticles	75,000	0	62,500		12,500
1164	The University of Texas at Austin	Biochemistry and Biotechnology of I-Crell A Novel Homing Endonuclease	25,000	0	25,000		0
1631	The University of Texas at Austin	Block Copolymers with Active Components Towards the Development of Novel Organic Photovoltaics	25,000	50,000	62,500		12,500
1738	The University of Texas at Austin	New Poly-Carboxylated Aryl Phosphines for the Designed Synthesis of Coordination Complexes and Polymers	0	100,000	37,500		62,500
1535	The University of Texas at Austin	First-Principles Investigations of the Synthesis, Structure and Chemistry of Oxide-Supported Bimetallic Nanocatalysts	105,000	0	87,500		17,500

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#	Grantee	Description	Balance 8/31/2009	Total Approved	Total Paid	Cancel	Balance 8/31/2010
1188	The University of Texas at Austin	Engineered Mesophases Based on Aromatic Donor-Acceptor Interactions	105,000	0	87,500		17,500
1274	The University of Texas at Austin	Complex Active Sites for Phosphoryl Transfer Continued Chemical, Biochemical, Biophysical and Structural Analyses	90,000	10,000	85,000		15,000
1604	The University of Texas at Austin	Kinetics of Nucleotide Binding by HIV Reverse Transcriptase	75,000	0	62,500		12,500
1319	The University of Texas at Austin	Interactions of Nanocrystals with Templated Surfaces	135,000	0	112,500		22,500
816	The University of Texas at Austin	Synthesis, Structure and Bonding in Organometallic Chemistry	90,000	10,000	85,000		15,000
1712	The University of Texas at Austin	Preparative <i>In Vitro</i> Biosynthesis of Complex Polyketides	75,000	0	62,500		12,500
1298	The University of Texas at Austin	Reactive Intermediates from Aza-Ene Diynes	25,000	100,000	62,500		62,500
934	The University of Texas at Austin	Ferroelectric and/or Ferromagnetic Films, Interfaces, or Superlattices	120,000	10,000	110,000		20,000
1464	The University of Texas at Austin	Quantum Size Silicon and Germanium Nanorods and Nanowires	120,000	10,000	110,000		20,000
634	The University of Texas at Austin	The Chemical Composition of Stars	120,000	10,000	110,000		20,000
1607	The University of Texas at Austin	DNA Target Site Recognition by Mobile Group II Introns	75,000	0	62,500		12,500
1741	The University of Texas at Austin	Developing Potent Solamargine Analogs	0	100,000	37,500		62,500
1662	The University of Texas at Austin	Multidimensional Snapshots of Electron Dynamics in Artificial Molecules	25,000	100,000	62,500		62,500
1663	The University of Texas at Austin	Coherent Anti-Stokes Raman Scattering (CARS) Microscopy Studies of Micro-Domain Formation on Lipid Membranes	25,000	100,000	62,500		62,500
1511	The University of Texas at Austin	Mechanistic Studies of Novel Enzymes	25,000	130,000	80,000		75,000
1473	The University of Texas at Austin	Electronic Properties of Graphene	120,000	10,000	110,000		20,000
1514	The University of Texas at Austin	Theory and Simulation of Single-Molecules, with Applications to Protein Translocation and Dynamics of Molecular Knots	30,000	130,000	85,000		75,000
1254	The University of Texas at Austin	Synthesis and Properties of Transition Metal Oxides with Unusual Valence States	135,000	0	112,500		22,500
1515	The University of Texas at Austin	Mass-Spectrometric Profiling of the Human Proteome	25,000	170,000	95,000		100,000
1191	The University of Texas at Austin	Synthesis, Magnetochemistry, and Superconductivity of Metals and Oxides	105,000	0	87,500		17,500
652	The University of Texas at Austin	Synthesis of Biologically Relevant Molecules	120,000	10,000	110,000		20,000
1690	The University of Texas at Austin	Oxide Formation and Stability on Supported Platinum Catalysts	75,000	0	62,500		12,500
1436	The University of Texas at Austin	Chemistry of Nano-Structured Surfaces	75,000	0	62,500		12,500
1255	The University of Texas at Austin	Controlling the Electronic Valley Degree of Freedom in Graphene Systems	105,000	0	87,500		17,500
1258	The University of Texas at Austin	Trapping and Cooling of Molecules Towards Ultracold Chemistry	105,000	0	87,500		17,500
1051	The University of Texas at Austin	The Dynamics of Molecular Isomerization and Nanometer Scale Electron Scattering	30,000	130,000	85,000		75,000
1691	The University of Texas at Austin	Dynamics	75,000	0	62,500		12,500
1225	The University of Texas at Austin	A Low Resolution Physical Potential for RNA Folding	30,000	130,000	85,000		75,000
1563	The University of Texas at Austin	Mechanism of Folate-Dependent Methylation	75,000	0	62,500		12,500
1018	The University of Texas at Austin	Exploring a Novel Origin of RNA Misfolding	90,000	10,000	85,000		15,000
1331	The University of Texas at Austin	Molecular Recognition via Base Pairing	105,000	0	87,500		17,500
1672	The University of Texas at Austin	Quantum Mechanical Control of Surface Chemical Reactivity in Ultra-Thin Metal Films	25,000	100,000	62,500		62,500
1693	The University of Texas at Austin	Coordination of the Enzymatic Activity of Opposite Polarity Molecular Motors	75,000	0	62,500		12,500
1694	The University of Texas at Austin	Reductive Alkylation and Arylation of Hydrazones	75,000	0	62,500		12,500
1283	The University of Texas at Austin	Studies in Quantum Chemistry	120,000	10,000	110,000		20,000
1529	The University of Texas at Austin	Assembly and Characterization of Electrochemical Nanoarchitectures	25,000	100,000	62,500		62,500
1695	The University of Texas at Austin	Peptide Mimics Synthesis and Self-Assembly of Polydepsipeptides	75,000	0	62,500		12,500
805	The University of Texas at Austin	Granular Temperature in Segregating and Bubbling Fluidized Bed Reactors	30,000	0	30,000		0
1696	The University of Texas at Austin	Liquids Near Interfaces Single-Molecule and Collective Dynamics	75,000	0	62,500		12,500
1722	The University of Texas at Austin	Vibrational Spectroscopy in the Ras Binding Domain	75,000	0	62,500		12,500
1334	The University of Texas at Austin	Structure Function Relationships in Enzymes	75,000	0	62,500		12,500
1699	The University of Texas at Austin	Understanding the Physical Origin of Photobleaching in Single-Molecule Fluorescent Dyes	75,000	0	62,500		12,500
362	The University of Texas at Austin	New Trajectory Approaches to Quantum Dynamics	120,000	10,000	110,000		20,000
1592	The University of Texas at Austin	Structural Studies of Antiviral Drug Toxicity	25,000	100,000	62,500		62,500
1618	The University of Texas at Austin	Dimerization of Sortase A <i>in vivo</i> A New Model for Antibiotics Development	75,000	0	62,500		12,500
1726	The University of Texas at Austin	Size and Chemical Control of 2D Assemblies of Semiconductor Nanocrystals	75,000	0	62,500		12,500

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#	Grantee	Description	Balance 8/31/2009	Total Approved	Total Paid	Cancel	Balance 8/31/2010
1595	The University of Texas at Dallas	Rational Design and Synthesis of Protein Secondary Structure Mimetics	50,000	0	50,000		0
1153	The University of Texas at Dallas	Zeolite Encapsulated Metal Complexes	0	130,000	70,000		60,000
1740	The University of Texas at Dallas	Semiconducting Liquid Crystalline Polymers	0	100,000	50,000		50,000
584	The University of Texas at Dallas	Lanthanide-based CEST Agents for Metabolic Imaging	70,000	0	70,000		0
1645	The University of Texas at Dallas	Femtosecond Time-Resolved FRET to Probe Global RNA Dynamics	50,000	0	50,000		0
1617	The University of Texas at Dallas	Synthesis of Hybrid Supramolecules "Quantum Dot-Conjugated Polymer" Photonic Pumps with Charge Multiplication	50,000	0	50,000		0
1649	The University of Texas at El Paso	Structure Determination of the First Virus Encoded Chaperonin	0	100,000	50,000		50,000
1745	The University of Texas at El Paso	Transition Metal Mediated One-Pot Three-Component Synthesis of γ -Amino Acids	0	100,000	50,000		50,000
546	The University of Texas at El Paso	Dianthene Transition Metal Complexes	60,000	10,000	70,000		0
794	Tnnity University	Understanding Aromaticity Through the Prism of Antiaromaticity Antromatic Dianions and Dications	37,500	0	37,500		0
1640	Tnnity University	Repeat DNA as a Multivalent Receptor	0	50,000	50,000		0
1551	University of Houston	Investigating Plasmonic Metal and Fluorescent Nanocrystal Hybrids Through Hierarchical Organic Dendron and Linear-Dendron Scaffolds	60,000	10,000	70,000		0
1152	University of Houston	Modeling and Analysis of Spatiotemporal Patterns in Chemical Reactors and Reacting Flows	0	100,000	50,000		50,000
1531	University of Houston	Novel Systems for Biphasic Catalysis and Liquid Extractions A Surface Study of Room-Temperature Ionic Liquids at the Liquid-Liquid Interface	50,000	0	50,000		0
1728	University of Houston	Understanding the Mechanism for Highly Efficient Artificial Photosynthesis of Hydrocarbons from Water and Carbon Dioxide on Cobalt Nanostructures	0	100,000	50,000		50,000
1337	University of Houston	Photophysical Processes in DNA Oligomers	60,000	10,000	70,000		0
1571	University of Houston	Investigations in Transition Metal-Catalyzed C-H Activation Methodology	0	170,000	90,000		80,000
1597	University of Houston	Structure and Conformations of Porens	50,000	0	50,000		0
1297	University of Houston	Chemical Bonding of Intermetallics Along the Zintl Border	0	100,000	50,000		50,000
1457	University of Houston	Advanced Second-Harmonic Generating Materials	60,000	10,000	70,000		0
1206	University of Houston	Synthesis of Metal Dimethylhydrazide Complexes	60,000	10,000	70,000		0
632	University of Houston	The Chemical Interaction of Adsorbed Species with Surfaces	50,000	0	50,000		0
680	University of Houston	Electrochemistry and Spectroelectrochemistry of Compounds with Multiple Redox Centers	0	170,000	90,000		80,000
608	University of Houston	Inverse Scattering, Pattern Dynamics in Nanoscience and Quantum Dynamics	90,000	0	90,000		0
1320	University of Houston	Aliphatic Dithiocarbonylates, Xanthates, and Dithiocarbamates on Metal Substrates and Metal Nanoparticles	70,000	0	70,000		0
1744	University of Houston	The Total Synthesis of Bioactive Natural Products via Novel Strategies	0	100,000	50,000		50,000
1028	University of Houston	Structural Theory of Aqueous Electrolyte Solutions	80,000	10,000	90,000		0
1070	University of Houston	A Real Space Approach to the Macromolecular Phase Problem	50,000	0	50,000		0
621	University of Houston	The Design and Synthesis of Azaromatic Ligands and the Study of their Metal Complexes	70,000	0	70,000		0
1146	University of Houston	Study of Superconductivity and Related Subjects in Strongly Correlated Electron Systems	80,000	10,000	90,000		0
1721	University of Houston	The Kinetics and Conformational Changes During Peptidyl Transferase Reaction in Single Ribosomes	50,000	0	50,000		0
1380	University of Houston	Discovery of Improved Pinning Centers by Chemical Emulation of Irradiation Damage Morphologies	60,000	10,000	70,000		0
1264	University of Houston	Physical Chemistry of Biomolecular Recognition	50,000	0	50,000		0
1616	University of Houston	Structural Studies on Key Enzymes Catalyzing Membrane Lipid Biosynthesis	50,000	0	50,000		0
1577	University of North Texas	Molecular Interference as a Prototype of Complex Process	0	130,000	70,000		60,000
1174	University of North Texas	Kinetic Studies of Complex-Forming Reactions in the Gas-Phase	0	130,000	70,000		60,000
1542	University of North Texas	Molecular Spectroscopy and Bonding of Coordination Compounds More Outstanding Issues and New Advances	70,000	0	70,000		0
1093	University of North Texas	Synthesis and Reactivity Studies of Polynuclear Clusters	70,000	0	70,000		0
1730	UT at San Antonio	Porous Metal-Organic Frameworks with Open Metal Sites for Recognition of Gases	0	100,000	50,000		50,000
1735	UT at San Antonio	Catalytic, Asymmetric Synthesis of Chiral Allenes via Enantioselective β -Hydride Elimination	0	100,000	50,000		50,000

#	Grantee	Description	Balance 8/31/2009	Total Approved	Total Paid	Cancel	Balance 8/31/2010
1534	UT at San Antonio	Ir/Pd-catalyzed Enantioselective Decarboxylative Alkylation	50,000	0	50,000		0
1615	UT at San Antonio	Controlling the Shape and Particles Using Wet Chemistry Methods and Its Application to					
1593	UT at San Antonio	Synthesis of Hollow Bimetallic Nanostructures	50,000	0	50,000		0
1569	UT HSC at Houston	Enantioselective Synthesis of α -Hydroxy- β -nitrophenolic Acid Derivatives	0	130,000	70,000		60,000
1731	UT HSC at Houston	How Methylation Influences the DNA Damage Response	0	100,000	50,000		50,000
1296	UT HSC at Houston	Identification and Characterization of Small Molecules as Chemical Probes of the Circadian					
1711	UT HSC at Houston	Clock	0	100,000	50,000		50,000
1714	UT HSC at Houston	Combinatorial Selection, Structure and Design of Antiviral Therapeutics	0	130,000	70,000		60,000
1437	UT HSC at Houston	Specificity Determination of Dual E1 Activation Systems for Ubiquitin	50,000	0	50,000		0
1524	UT HSC at Houston	High-Resolution Structure Determination of Molecular Machines <i>in Situ</i> by Cryo Electron	50,000	0	50,000		0
1613	UT HSC at Houston	Tomography					
1245	UT HSC at San Antonio	Inhibitors of Cyclic Nucleotide Synthesis Mechanism of Action and Therapeutic Application	90,000	0	0	90,000	0
1399	UT HSC at San Antonio	Structural Chemistry of Heme-Dependent Catalysis and Sensing	52,500	0	0	52,500	0
1431	UT HSC at San Antonio	Isotope-Labeling of G-Protein Coupled Receptors for Structural Analysis by NMR	50,000	0	0	50,000	0
1507	UT HSC at San Antonio	Mechanisms of Oxidative Enzymes	50,000	0	50,000		0
1747	UT HSC at San Antonio	Structure and Biophysical Properties of CARD8 Toxin	0	130,000	70,000		60,000
764	UT HSC at San Antonio	Ligand-Receptor Interactions in the TGF- β Superfamily	50,000	0	50,000		0
1553	UT M. D. Anderson Cancer Center	Glycosylation Modification of Amino Acid Transporters	0	100,000	50,000		50,000
1718	UT M. D. Anderson Cancer Center	Signals for Proteasome-Mediated Protein Degradation	0	100,000	50,000		50,000
1719	UT M. D. Anderson Cancer Center	Structural Chemistry of Viruses	50,000	0	50,000		0
1199	UT M. D. Anderson Cancer Center	Biochemical Analysis of the DNA Damage Response Pathway Following Pot1 Loss	60,000	10,000	0	25,000	45,000
1461	UT Medical Branch at Galveston	Structural Studies on the Centriole Nucleosome	50,000	0	50,000		0
1683	UT Medical Branch at Galveston	Structure and Function of the PHD Fingers of the RBP2 Histone Lysine Demethylase in	50,000	0	50,000		0
1727	UT Southwestern Medical Center at Dallas	Dynamic Histone Lysine Methylation	50,000	0	12,500		37,500
1704	UT Southwestern Medical Center at Dallas	Epigenetic and Anti-Oncogenic Mechanisms of Sesquiterpene Lactones	50,000	0	50,000		0
1619	UT Southwestern Medical Center at Dallas	Chemical Basis for Dynamic Contributions to Molecular Recognition	0	50,000	50,000		0
1679	UT Southwestern Medical Center at Dallas	Chemical Approach for Investigations of Protein Sliding on DNA	50,000	0	50,000		0
1493	UT Southwestern Medical Center at Dallas	Apoptosome Control by Tango7/EIF3M Proteins	0	100,000	37,500		62,500
1420	UT Southwestern Medical Center at Dallas	Structural and Biochemical Analysis of Bacterial Protein Mimics	75,000	0	62,500		12,500
1622	UT Southwestern Medical Center at Dallas	Targeting Subpopulation Phenotypes Associated with Drug Resistance	25,000	50,000	62,500		12,500
1568	UT Southwestern Medical Center at Dallas	Chemical Genetic Approaches to the Biology and Treatment of Ewing's Sarcoma	75,000	0	62,500		12,500
1596	UT Southwestern Medical Center at Dallas	Hydrogen Atom Transfer Mechanisms in Steroid Hydroxylases	25,000	0	25,000		0
1389	UT Southwestern Medical Center at Dallas	Determining Lipid-Protein Interactions for a Channel Gated by Membrane Tension	75,000	0	62,500		12,500
1532	UT Southwestern Medical Center at Dallas	Design and Synthesis of Tumor Targeted Drug Delivery Systems for Lung Cancer Therapy	25,000	50,000	62,500		12,500
1286	UT Southwestern Medical Center at Dallas	Cellular Iron Sensing and Regulation of Iron Regulatory Protein 2	25,000	100,000	62,500		62,500
1243	UT Southwestern Medical Center at Dallas	Synthesis of Lantibiotics F and Buxapentalactone	75,000	0	62,500		12,500
1732	UT Southwestern Medical Center at Dallas	Biochemical Mechanism of IKK Activation by TRAF Proteins	40,000	170,000	110,000		100,000
1244	UT Southwestern Medical Center at Dallas	Structural Basis for Substrate Specificity Overlap in Yeast Nuclear Import Pathways	75,000	0	62,500		12,500
1733	UT Southwestern Medical Center at Dallas	Mitochondrial Signaling by Reversible Phosphorylation	30,000	130,000	85,000		75,000
1422	UT Southwestern Medical Center at Dallas	Regulatory and Catalytic Properties of MAP Kinase Cascades	135,000	0	112,500		22,500
1185	UT Southwestern Medical Center at Dallas	Biochemical Analysis of a Viral RNA Stability Element with Its Cellular Cofactor, hnRNP C	0	100,000	37,500		62,500
1500	UT Southwestern Medical Center at Dallas	Recognition of DNA by Synthetic Oligomers	135,000	0	112,500		22,500
1424	UT Southwestern Medical Center at Dallas	Dynamic Nuclear Polarization of Small Molecule Metabolic Probes Novel Reagents for	0	100,000	37,500		62,500
1732	UT Southwestern Medical Center at Dallas	Monitoring Cancer Cell Metabolism	105,000	0	87,500		17,500
1422	UT Southwestern Medical Center at Dallas	Novel Heterocyclizations for Natural Product Synthesis	135,000	0	45,000	90,000	0
1185	UT Southwestern Medical Center at Dallas	Structural Studies of DNA Photolyses and Cryptochromes	25,000	100,000	62,500		62,500
1500	UT Southwestern Medical Center at Dallas	Deubiquitylation by the 26S Proteasome	25,000	100,000	62,500		62,500
1424	UT Southwestern Medical Center at Dallas	Comparative Studies of the Signaling Mechanisms of Flavin-Based Protein Photosensors	75,000	0	62,500		12,500

#	Grantee	Description	Balance 8/31/2009	Total Approved	Total Paid	Cancel	Balance 8/31/2010
823	UT Southwestern Medical Center at Dallas	Formaldehyde Cross-Linking for Discovery of Novel Regulatory Elements Exhibiting Long-Range Interactions Within and Between Chromosomes	75,000	0	57,606	4,894	12,500
1575	UT Southwestern Medical Center at Dallas	Enzymology of the DosT Oxygen Sensor or <i>M. tuberculosis</i>	25,000	0	25,000		0
1128	UT Southwestern Medical Center at Dallas	Structural and Functional Insight into Activation Mechanism of the OSR1/SPAK Kinase	120,000	10,000	110,000		20,000
1505	UT Southwestern Medical Center at Dallas	Structural Studies of a Novel NMN Synthetase Encoded by <i>radE</i>	25,000	100,000	62,500		62,500
1657	UT Southwestern Medical Center at Dallas	Biochemical Characterization of a Synaptic Function of Palmitoleic Acid, the Product of a Novel $\Delta 9$ Fatty Acid Desaturase	25,000	100,000	62,500		62,500
1187	UT Southwestern Medical Center at Dallas	Regulation of Protein Palmitoylation by PDZ Domain-Mediated Interactions	75,000	0	62,500		12,500
1659	UT Southwestern Medical Center at Dallas	Biochemical Basis for Peptidoglycan Binding by a Bactericidal Lectin	25,000	0	25,000		0
1660	UT Southwestern Medical Center at Dallas	Chemical Regulation of Neural Progenitor/Cancer Stem Cells	25,000	100,000	62,500		62,500
1603	UT Southwestern Medical Center at Dallas	Biochemical Study of Ubiquitin Pathways in Cell Signaling	75,000	0	20,372	42,128	12,500
1684	UT Southwestern Medical Center at Dallas	Structural Basis for the Calcium Modulation of an Inositol 1,4,5-Trisphosphate Receptor	75,000	0	62,500		12,500
1578	UT Southwestern Medical Center at Dallas	Structural and Functional Studies of RCK-Regulated Potassium Channel	25,000	130,000	80,000		75,000
1558	UT Southwestern Medical Center at Dallas	Role of FGF21 in Mediating the Antidiabetic Actions of Thiazolidinedione Drugs	120,000	10,000	110,000		20,000
1686	UT Southwestern Medical Center at Dallas	A Photo-Sugar for O-GlcNAc Interaction Discovery	75,000	0	62,500		12,500
1300	UT Southwestern Medical Center at Dallas	Protein Lipid Interactions in Endocytosis	25,000	0	(2,227)	27,227	0
1168	UT Southwestern Medical Center at Dallas	Novel Chemical Approaches for Exploring Dolichol-Linked Oligosaccharide Synthesis	25,000	50,000	62,500		12,500
1713	UT Southwestern Medical Center at Dallas	Biochemical Characterization of the Binding of Rpd3S to K36 Methylated Chromatin	75,000	0	62,500		12,500
1510	UT Southwestern Medical Center at Dallas	Small Molecules as Modulators of Cell-Cell Junctional Communication	25,000	0	25,000		0
1608	UT Southwestern Medical Center at Dallas	Mechanistic Studies of the Drosophila RNA Interference Pathway	75,000	0	62,500		12,500
1560	UT Southwestern Medical Center at Dallas	Biochemical Analysis of an RNA Interference Pathway	90,000	10,000	85,000		15,000
1665	UT Southwestern Medical Center at Dallas	Modulation of Canonical Wnt Pathway Activity Using Small Molecules	25,000	100,000	62,500		62,500
1689	UT Southwestern Medical Center at Dallas	New Methodology for Determination of Absolute Stereochemistry of Polyketides	75,000	0	62,500		12,500
1275	UT Southwestern Medical Center at Dallas	Ligand Binding Properties of Nematode Orphan Nuclear Receptors	120,000	10,000	110,000		20,000
940	UT Southwestern Medical Center at Dallas	Biophysical Characterization of a Novel Bacterial TRAP Transporter	90,000	10,000	85,000		15,000
1561	UT Southwestern Medical Center at Dallas	Enzymatic and Structural Characterization of the AMPylator, <i>Vibrio</i> VopS	120,000	10,000	110,000		20,000
1257	UT Southwestern Medical Center at Dallas	Structural Basis for Substrate Specificity in the <i>bla</i> -Barrel Fold Decarboxylases	135,000	0	112,500		22,500
1366	UT Southwestern Medical Center at Dallas	Principles of Allosteric Control in Proteins	120,000	10,000	110,000		20,000
1612	UT Southwestern Medical Center at Dallas	Synthesis and Application of Optically Active Allenes	75,000	0	62,500		12,500
1692	UT Southwestern Medical Center at Dallas	Engineering α -Tubulin to Dissect the Molecular Mechanisms of Microtubule Assembly	75,000	0	62,500		12,500
1304	UT Southwestern Medical Center at Dallas	NMR Methods to Study Membrane Proteins in Lipid Bilayers	30,000	100,000	67,500		62,500
1544	UT Southwestern Medical Center at Dallas	Genetically Encoded Photoswitchable Proteins Tools to Understand Cell Migration and Signaling	75,000	0	62,500		12,500
982	UT Southwestern Medical Center at Dallas	Phospholipase C- β as G $_q$ GAP and Effector	75,000	0	62,500		12,500
971	UT Southwestern Medical Center at Dallas	Mammalian Etherase Enzymes	30,000	100,000	67,500		62,500
1262	UT Southwestern Medical Center at Dallas	Structure and Mechanism of Signaling Enzymes and Pathways	75,000	0	62,500		12,500
1674	UT Southwestern Medical Center at Dallas	Amplification of Stochastic Fluctuations in Biochemical Reactions as a Mechanism for Cellular Differentiation	25,000	100,000	62,500		62,500
1748	UT Southwestern Medical Center at Dallas	Asymmetric Carbon-Carbon Bond Formation with Low Valent Iron Catalysts	0	100,000	37,500		62,500
1749	UT Southwestern Medical Center at Dallas	Chemistry and Enzymology of MICAL Family Oxidoreductases	0	100,000	37,500		62,500
1697	UT Southwestern Medical Center at Dallas	Functional Roles of the Biological Gases Hydrogen Sulfide and Carbon Monoxide	75,000	0	62,500		12,500
1720	UT Southwestern Medical Center at Dallas	Biochemical Mechanism of the Glucose Sensing and Regulation of CREBP Activity	75,000	0	62,500		12,500
1751	UT Southwestern Medical Center at Dallas	Biochemical Characterization of the Lipid Toxicity Mediated by Maternal PPAR γ Deficiency	0	100,000	37,500		62,500
1412	UT Southwestern Medical Center at Dallas	Defining the Biochemical Pathway Underlying Autophagic Cell Death	40,000	0	40,000		0
1414	UT Southwestern Medical Center at Dallas	Analysis of the Functional Significance of Complex Protein/Protein Interactions	40,000	170,000	110,000		100,000
1643	UT Southwestern Medical Center at Dallas	Affinity-Based Purification of Riboswitch Ligands	75,000	0	62,500		12,500
1723	UT Southwestern Medical Center at Dallas	Chromatin Regulation of Neuronal Activity-Dependent Gene Expression	75,000	0	62,500		12,500
1644	UT Southwestern Medical Center at Dallas	Signaling Processing by the Neutrophil Chemotaxis Pathway	75,000	0	62,500		12,500

The Robert A. Welch Foundation
Year Ended August 31, 2010

Taxpayer's ID 76-0343128
Schedule 9

#	Grantee	Description	Balance 8/31/2009	Total Approved	Total Paid	Cancel	Balance 8/31/2010
1200	UT Southwestern Medical Center at Dallas	Regulation of Type II Phosphatidylinositol Kinase Alpha by Oxidative Stress	75,000	0	62,500		12,500
1566	UT Southwestern Medical Center at Dallas	Chemical Mechanism of the γ -Secretase Complex	25,000	0	25,000		0
1441	UT Southwestern Medical Center at Dallas	Biochemical and Structural Analysis of the Spindle Checkpoint	75,000	0	62,500		12,500
1701	UT Southwestern Medical Center at Dallas	New Chemical Approaches to Study Hematopoietic Stem Cells	75,000	0	62,500		12,500
1724	UT Southwestern Medical Center at Dallas	Biochemical Regulation of the Orphan Nuclear Receptor TLX	75,000	0	62,500		12,500
1702	UT Southwestern Medical Center at Dallas	Studies of Autophagy Mechanisms for the GTPase-Activating Protein Activity of Plexin B1	75,000	0	62,500		12,500
1594	UT Southwestern Medical Center at Dallas	A Novel Tubulin Acetylation Catalyzed by San Acetyltransferase	25,000	100,000	62,500		62,500
1736		Structure Determination of a Chloride Ion Channel to Atomic Resolution	0	100,000	50,000		50,000
-0001	Midwestern State Univ.	Chemistry Department Grant	40,000	0	40,000		0
-0002	Prairie View A&M Univ.	Chemistry Department Grant	0	50,000	25,000		25,000
-0003	Texas Wesleyan Univ	Chemistry Department Grant	35,000	0	35,000		0
-0004	Lamar Univ.	Chemistry Department Grant	100,000	0	50,000		50,000
-0005	Southwestern Univ	Chemistry Department Grant	100,000	0	50,000		50,000
-0006	Texas A&M Univ -Kingsville	Chemistry Department Grant	80,000	0	40,000		40,000
-0007	Austin College	Chemistry Department Grant	0	70,000	35,000		35,000
-0008	Stephen F. Austin State Univ.	Chemistry Department Grant	0	70,000	35,000		35,000
-0010	Huston-Tillotson University	Chemistry Department Grant	15,000	0	15,000		0
-0011	Sam Houston State Univ.	Chemistry Department Grant	90,000	0	45,000		45,000
-0012	Tarleton State Univ.	Chemistry Department Grant	35,000	0	35,000		0
-0013	UT of the Permian Basin	Chemistry Department Grant	25,000	0	25,000		0
-0014	Texas A&M Univ.-Commerce	Chemistry Department Grant	70,000	0	35,000		35,000
-0015	Univ. Of Dallas	Chemistry Department Grant	70,000	0	35,000		35,000
-0016	Houston Baptist Univ.	Chemistry Department Grant	0	60,000	30,000		30,000
-0017	UT-Pan American	Chemistry Department Grant	0	80,000	40,000		40,000
-0018	St. Edward's Univ.	Chemistry Department Grant	0	70,000	35,000		35,000
-0019	Texas Lutheran Univ.	Chemistry Department Grant	0	60,000	30,000		30,000
-0020	Texas Woman's Univ.	Chemistry Department Grant	0	70,000	35,000		35,000
-0021	Abilene Christian Univ.	Chemistry Department Grant	40,000	0	40,000		0
-0022	Univ. of Houston-Clear Lake	Chemistry Department Grant	45,000	0	45,000		0
-0023	Sul Ross State Univ	Chemistry Department Grant	40,000	0	20,000		20,000
-0024	Univ. of St. Thomas	Chemistry Department Grant	60,000	0	30,000		30,000
-0025	West Texas A&M Univ.	Chemistry Department Grant	50,000	0	25,000		25,000
-0026	UT at San Antonio	Chemistry Department Grant	45,000	0	45,000		0
-0027	Univ. of Houston-Downtown	Chemistry Department Grant	80,000	0	40,000		40,000
-0028	LeTourneau Univ.	Chemistry Department Grant	0	50,000	25,000		25,000
-0029	Angelo State Univ.	Chemistry Department Grant	25,000	0	25,000		0
-0030	Jarvis Christian College	Chemistry Department Grant	20,000	0	20,000		0
-0031	Trinity Univ.	Chemistry Department Grant	100,000	0	50,000		50,000
-0032	Univ. of the Incarnate Word	Chemistry Department Grant	50,000	0	25,000		25,000
-0033	Univ. of Mary Hardin-Baylor	Chemistry Department Grant	50,000	0	25,000		25,000
-0034	Schreiner University	Chemistry Department Grant	0	40,000	20,000		20,000
-0035	Hardin-Simmons	Chemistry Department Grant	20,000	0	20,000		0
-0036	McMurry University	Chemistry Department Grant	25,000	0	25,000		0
-0037	UT at Tyler	Chemistry Department Grant	30,000	0	30,000		0
-0038	UT at Brownsville	Chemistry Department Grant	50,000	0	25,000		25,000
-0039	Wiley College	Chemistry Department Grant	30,000	0	15,000		15,000
-0040	TAMU International Univ.	Chemistry Department Grant	15,000	0	15,000		0
-0041	TAMU Univ.-Corpus Christi	Chemistry Department Grant	0	70,000	35,000		35,000
-0042	Our Lady of the Lake University	Chemistry Department Grant	0	30,000	15,000		15,000

The Robert A. Welch Foundation
Year Ended August 31, 2010

Taxpayer's ID 76-0343128
Schedule 9

#	Grantee	Description	Balance 8/31/2009	Total Approved	Total Paid	Cancel	Balance 8/31/2010
-0043	Lubbock Christian Univ.	Chemistry Department Grant	15,000	0	15,000		0
-0044	Wayland Baptist Univ	Chemistry Department Grant	25,000	0	25,000		0
-0045	Texas State University	Chemistry Department Grant	0	80,000	40,000		40,000
-0046	TAMU- Galveston	Chemistry Department Grant	30,000	0	30,000		0
0038	Rice University	The N. Hackerman Investigatorship-Buckminsterfullerene Discovery	0	5,000	5,000		0
0029	Rice University	Texas Academy of Science, Engineering and Medicine	0	25,000	25,000		0
0001	The University of Texas at Austin	Welch Summer Scholar Program	109,000		109,000		0
0037	The University of Texas at Austin	Texas Center for Electrochemistry	2,000,000		1,000,000		1,000,000
52	Conference	The Welch Foundation Conference on Chemical Research	0	353,350	353,350		0
36	Hackerman Award	Norman Hackerman Award in Chemical Research	0	235,071	235,071		0
527	Welch Award	The Welch Foundation Award in Chemistry	0	777,405	777,405		0
127	Texas Interscholastic League Foundation	Undergraduate Scholarships	913,500	0	173,250	110,250	630,000
Total			22,202,500	16,425,826	26,547,307	543,519	11,537,500
					4,459,369		
					11,966,457		

Approved and paid current year
Approved for future payment

The Welch Foundation

Taxpayer's ID 76-0343128
Schedule 9

Institution	Address	
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
AM Huston-Tillotson University	900 Chicon Street	Austin, TX 78702-2795
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
N Southern Methodist University	P.O. Box 750100	Dallas, TX 75275-0100
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, P.O. Box 7996	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
The University of Texas M. D. Anderson Cancer Center		
G 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
The University of Texas Southwestern Medical Center at Dallas		
I 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
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

Institution		Address	
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 prior to 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

06/01/10

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

PURPOSE OF THE AWARD

The 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 2011, the initial appointment of the candidate as an assistant professor or equivalent must not have begun earlier than July 1, 2001.

Nominations will be solicited from selected organizations and individuals. Nominations received from other organizations and individuals 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, 2011 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.

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 JUNE 1, 2010

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 be clear, readily legible, and conform to the following requirements: (a) the font size must be 11 points or larger, (b) line spacing must be at least single-spaced, 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. These guidelines establish the minimums required. 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 Request (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. 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 acceptance copy of the appointment 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. – Refereed articles as they appeared when published. Articles reported in this section must have appeared in print, have acknowledged Welch Foundation support including the grant number, and have not previously been reported to the Foundation in this section. One copy of each article must be enclosed with the report.

Section 6B. – Refereed "In Press" Articles. Articles reported in this section are refereed articles that are either in press, submitted, or accepted for publication. These articles should acknowledge Welch Foundation support, have not been previously reported to the Foundation, and should be reported in Section 6A in the grant year they appear in print. Copies of these articles should only be sent when listed in Section 6A.

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 have not previously 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 only 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.

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

Department Chair _____ Phone _____ Email _____

- (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 year. Please note in the appropriate box if any of these students have gone on to post baccalaureate 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
DEPARTMENTAL RESEARCH GRANT PROGRAM
BUDGET REQUEST

Taxpayer Id:
76-0343128
Schedule 10

June 1, 2011
thru
May 31, 2012

1. STIPENDS, FELLOWSHIPS AND SCHOLARSHIPS

a. Faculty summer research stipend.	\$	
b. Graduate fellowships		
(1) _____		
(2) _____		
c. Undergraduate scholarships		
(1) _____		
(2) _____		
(3) _____		
(4) _____		
(5) _____		
(6) _____		
TOTAL (Add items 1a thru 1c)		

2. FRINGE BENEFITS

a. Faculty summer research stipend.		
b. Graduate fellowships		
(1) _____		
(2) _____		
c. Undergraduate scholarships		
(1) _____		
(2) _____		
(3) _____		
(4) _____		
(5) _____		
(6) _____		
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		
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5. PUBLICATION EXPENSES.		
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6. TRAVEL.		
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7. PROJECT TOTAL (Add items 1 thru 6)	\$	
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APPROVED BY:

Grantee Institution	Department Chair (Printed Name)	Grant No.
President or Authorized Representative	Date	Date

THE WELCH FOUNDATION
RESEARCH GRANT PROGRAM GUIDELINES
EFFECTIVE JUNE 1, 2010

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 for up to two years of support 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 of the following information on 8 1/2" x 11" paper (single-sided preferred):

1. Cover page (Foundation form) with scientific summary.
2. Description of the project. Cover the background and the approach of the research proposal of the principal investigator. The proposal must be clear, readily legible, and conform to the following requirements: (a) the font size must be 11 points or larger, (b) line spacing must be at least single-spaced, 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. These guidelines establish the minimums required. 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.
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 (Foundation form). The initial grant amount should normally be \$50,000 per year for two (2) years.

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 should normally 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, including registration fees, by the principal investigator 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. 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 will normally 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 acceptance copy of the appointment 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 revised proposal 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) to 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. – Refereed articles as they appeared when published. Articles reported in this section must have appeared in print, have acknowledged Welch Foundation support including the grant number, and have not previously been reported to the Foundation in this section. One copy of each article must be enclosed with the report.

Section 3B. – Refereed "In Press" Articles. Articles reported in this section are refereed articles that are either in press, submitted, or accepted for publication. These articles should acknowledge Welch Foundation support, have not been previously reported to the Foundation, and should be reported in Section 3A in the grant year they appear in print. Copies of these articles should only be sent when listed in Section 3A.

Section 4. – 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 have not previously been reported to the Foundation.

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 satisfactorily being made 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 only 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.

5555 San Felipe, Suite 1900
Houston, TX 77056-2730
713-961-9884 Fax: 713-961-5168
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(s) _____ Academic Rank _____

Address of Grantee Institution _____

Scientific Summary (in style of chemical abstracts, limited to this space to be prepared by the principal investigator and approved by the grantee institution).

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

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Taxpayer Id:
76-0343128
Schedule 10

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>
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THE WELCH FOUNDATION

RESEARCH GRANT PROGRAM

BUDGET REQUEST

Taxpayer Id:

76-0343128

Schedule 10

	June 1, 2011 thru May 31, 2012	June 1, 2012 thru May 31, 2013	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_____
Date_____
Investigator (Signature)_____
Date

Taxpayer's I.D.
76-0343128

Schedule 11

The Robert A. Welch Foundation
990PF
Year Ended August 31, 2010
Schedule of Depreciable Property

Description	Date Acquired	Cost	Accumulated Depreciation	Method/ Life	Depreciation Expense
General Depreciation					
Leasehold Improvements	1-15-96	214,954	73,170	S/L 39	5,512
Furniture and Equipment	3-01-07	8,760	3,128	S/L 7	1,251
Furniture and Equipment	10-31-08	321	23	S/L 7	46
Furniture and Equipment	3-31-10	90	0	S/L 7	6
Computer Hardware	3-01-08	23,341	7,002	S/L 5	4,668
Computer Hardware	11-05-08	563	56	S/L 5	113
Computer Hardware	3-31-10	79	0	S/L 5	8
Computer Hardware	5-28-10	111	0	S/L 5	11
Computer Software	3-01-08	2,871	1,436	S/L 3	957
Computer Software	9-10-08	334	56	S/L 3	111
Computer Software	5-28-10	276	0	S/L 3	46
		251,090	84,871		12,572
Listed Property					
Automobile		3,011	1,786	S/L 5	603
Automobile	6-23-07	16,701	5,311	S/L 5	3,340
Total Depreciation					16,516

See Schedule 2 for Depreciation and Depletion totals.