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

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Information about Form 990-PF and its separate instructions is at www.irs.gov/form990pf.

2015

Open to Public Inspection

For calendar year 2015, or tax year beginning Sep 1, 2015, and ending Aug 31, 2016

Name of foundation

The Robert A. Welch Foundation

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

5555 San Felipe

Room/suite

1900

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

Houston

TX 77056-2730

G Check all that apply

☐ Initial return☐ Final return☐ Address change☐ Initial return of a former public charity☐ Amended return☐ Name change

H Check type of organization

☒ Section 501(c)(3) exempt private foundation☐ Section 4947(a)(1) nonexempt charitable trust☐ Other taxable private foundationI Fair market value of all assets at end of year
(from Part II, column (c), line 16)

\$ 637,257,587.

J Accounting method

☐ Cash☒ Accrual☐ Other (specify)

(Part I, column (d) must be on cash basis.)

A Employer identification number

76-0343128

B Telephone number (see instructions)

(713) 961-9884

C If exemption application is pending, check here. ☐D 1 Foreign organizations, check here. ☐2 Foreign organizations meeting the 85% test, check here and attach computation. ☐E If private foundation status was terminated under section 507(b)(1)(A), check here. ☐F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here. ☐

Part I Analysis of Revenue and Expenses

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

(a) Revenue and expenses per books

(b) Net investment income

(c) Adjusted net income

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

1 Contributions, gifts, grants, etc., received (attach schedule)

2 Ck ☒ if the foundation is not required to attach Sch B

3 Interest on savings and temporary cash investments

8,645.

8,645.

4 Dividends and interest from securities

5,038,860.

13,196,268.

5a Gross rents

b Net rental income or (loss)

6a Net gain or (loss) from sale of assets not on line 10

38,402,766.

b Gross sales price for all assets on line 6a

146,840,997.

7 Capital gain net income (from Part IV, line 2)

27,754,667.

8 Net short-term capital gain

9 Income modifications

10a Gross sales less returns and allowances

b Less Cost of goods sold

c Gross profit or (loss) (attach schedule)

11 Other income (attach schedule)

Schedule 8

1,128,888.

3,475,472.

12 Total Add lines 1 through 11

44,579,159.

44,435,052.

13 Compensation of officers, directors, trustees, etc.

710,058.

439,933.

280,020.

14 Other employee salaries and wages

647,180.

353,013.

295,676.

15 Pension plans, employee benefits

371,021.

208,765.

152,219.

16a Legal fees (attach schedule)

58,433.

33,626.

24,807.

b Accounting fees (attach schedule)

83,600.

39,150.

41,800.

c Other professional fees (attach schedule)

3,625,068.

6,611,812.

54,948.

17 Interest

18 Taxes (attach schedule) (see instructions)

188,142.

536,920.

19 Depreciation (attach schedule) and depletion

5,526.

7,862.

20 Occupancy

271,957.

137,868.

134,089.

21 Travel, conferences, and meetings

16,103.

10,664.

5,439.

22 Printing and publications

26,891.

2,689.

24,202.

23 Other expenses (attach schedule)

Schedule 3

932,628.

657,114.

763,017.

24 Total operating and administrative expenses Add lines 13 through 23

6,936,607.

9,039,416.

1,776,217.

25 Contributions, gifts, grants paid

30,974,802.

31,964,428.

26 Total expenses and disbursements. Add lines 24 and 25

37,911,409.

9,039,416.

33,740,645.

27 Subtract line 26 from line 12

a Excess of revenue over expenses and disbursements

6,667,750.

b Net investment income (if negative, enter -0-)

35,395,636.

c Adjusted net income (if negative, enter -0-)

943-65 12

Part II Balance Sheets		Attached schedules and amounts in the description column should be for end-of-year amounts only (See instructions)		Beginning of year	End of year	
				(a) Book Value	(b) Book Value	(c) Fair Market Value
ASSETS	1	Cash — non-interest-bearing		3,700.	3,700.	3,700.
	2	Savings and temporary cash investments		5,404,567.	10,531,375.	10,531,375.
	3	Accounts receivable	290,488.			
		Less: allowance for doubtful accounts		95,774.	290,488.	290,488.
	4	Pledges receivable				
		Less: allowance for doubtful accounts				
	5	Grants receivable				
	6	Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions)				
	7	Other notes and loans receivable (attach sch)				
		Less: allowance for doubtful accounts				
	8	Inventories for sale or use				
	9	Prepaid expenses and deferred charges				
	10a	Investments — U.S. and state government obligations (attach schedule)		52,529,211.	52,402,916.	53,864,045.
	b	Investments — corporate stock (attach schedule)		328,498,867.	315,828,716.	361,605,872.
	c	Investments — corporate bonds (attach schedule)		13,756,146.	13,694,932.	21,299,530.
	LIABILITIES	11	Investments — land, buildings, and equipment basis			
		Less: accumulated depreciation (attach schedule)				
12		Investments — mortgage loans				
13		Investments — other (attach schedule)		146,084,971.	159,804,690.	187,945,171.
14		Land, buildings, and equipment basis	1,068,106.			
		Less: accumulated depreciation (attach schedule)		69,046.	63,520.	63,520.
15		Other assets (describe)		3,446,401.	1,646,343.	1,653,886.
16		Total assets (to be completed by all filers — see the instructions. Also, see page 1, item I).		549,888,683.	554,266,680.	637,257,587.
17		Accounts payable and accrued expenses		2,332,750.	1,103,610.	
18		Grants payable		20,726,250.	20,477,500.	
NET ASSETS OR FUND BALANCES	19	Deferred revenue				
	20	Loans from officers, directors, trustees, & other disqualified persons				
	21	Mortgages and other notes payable (attach schedule)				
	22	Other liabilities (describe)		1,138,261.	1,077,887.	
	23	Total liabilities (add lines 17 through 22)		24,197,261.	22,658,997.	
		Foundations that follow SFAS 117, check here and complete lines 24 through 26 and lines 30 and 31. ☒				
	24	Unrestricted		-21,242,247.	-21,585,455.	
	25	Temporarily restricted		500,000.	492,458.	
	26	Permanently restricted		546,433,669.	552,700,680.	
		Foundations that do not follow SFAS 117, check here and complete lines 27 through 31. ☐				
27	Capital stock, trust principal, or current funds					
28	Paid-in or capital surplus, or land, bldg, and equipment fund					
29	Retained earnings, accumulated income, endowment, or other funds					
30	Total net assets or fund balances (see instructions)		525,691,422.	531,607,683.		
31	Total liabilities and net assets/fund balances (see instructions)		549,888,683.	554,266,680.		

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	525,691,422.
2	Enter amount from Part I, line 27a	2	6,667,750.
3	Other increases not included in line 2 (itemize)	3	
4	Add lines 1, 2, and 3	4	532,359,172.
5	Decreases not included in line 2 (itemize) Schedule 5	5	751,489.
6	Total net assets or fund balances at end of year (line 4 minus line 5) — Part II, column (b), line 30	6	531,607,683.

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 (mo., day, yr.)	(d) Date sold (mo., day, yr.)
1 a Schedule 7				
b				
c				
d				
e				
(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)	
a				
b				
c				
d				
e				
Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69				(i) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col. (h))
(i) F.M.V. as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col. (i) over col. (j), if any		
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 27,754,667.
3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6)				3 0.
If gain, also enter in Part I, line 8, column (c) (see instructions). If (loss), enter -0- in Part I, line 8				

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.

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col. (b) divided by col. (c))
2014	32,368,632.	672,835,680.	0.048108
2013	30,456,259.	671,739,597.	0.045339
2012	29,193,444.	622,528,431.	0.046895
2011	24,738,043.	585,055,132.	0.042283
2010	30,657,384.	610,340,305.	0.050230
2 Total of line 1, column (d)			2 0.232855
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 0.046571
4 Enter the net value of noncharitable-use assets for 2015 from Part X, line 5.			4 627,817,495.
5 Multiply line 4 by line 3			5 29,238,089.
6 Enter 1% of net investment income (1% of Part I, line 27b)			6 353,956.
7 Add lines 5 and 6.			7 29,592,045.
8 Enter qualifying distributions from Part XII, line 4			8 33,740,645.

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

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

1 a	Exempt operating foundations described in section 4940(d)(2), check here ☐ and enter 'N/A' on line 1		
	Date of ruling or determination letter _____ (attach copy of letter if necessary — see instrs)		
b	Domestic foundations that meet the section 4940(e) requirements in Part V, check here ☒ and enter 1% of Part I, line 27b	1	353,956.
c	All other domestic foundations enter 2% of line 27b. Exempt foreign organizations enter 4% of Part I, line 12, col (b)		
2	Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)	2	0.
3	Add lines 1 and 2.	3	353,956.
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	353,956.
6	Credits/Payments:		
a	2015 estimated tax pmts and 2014 overpayment credited to 2015	6 a	511,926.
b	Exempt foreign organizations — tax withheld at source	6 b	
c	Tax paid with application for extension of time to file (Form 8868)	6 c	
d	Backup withholding erroneously withheld	6 d	
7	Total credits and payments. Add lines 6a through 6d	7	511,926.
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	157,970.
11	Enter the amount of line 10 to be Credited to 2016 estimated tax 157,970. 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 instructions for the definition)?		X	
If the answer is 'Yes' to 1a or 1b, attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities.			
c Did the foundation file Form 1120-POL for this year?		X	
d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year			
(1) On the foundation	\$	(2) On foundation managers	\$
e Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers	\$		
2 Has the foundation engaged in any activities that have not previously been reported to the IRS?		X	
If 'Yes,' attach a detailed description of the activities			
3 Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? If 'Yes,' attach a conformed copy of the changes	X		
4 a Did the foundation have unrelated business gross income of \$1,000 or more during the year?	X		
b If 'Yes,' has it filed a tax return on Form 990-T for this year?	X		
5 Was there a liquidation, termination, dissolution, or substantial contraction during the year?		X	
If 'Yes,' attach the statement required by General Instruction T			
6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either			
• By language in the governing instrument, or			
• By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?	X		
7 Did the foundation have at least \$5,000 in assets at any time during the year? If 'Yes,' complete Part II, col (c), and Part XV	X		
8 a Enter the states to which the foundation reports or with which it is registered (see instructions)			
TX - Texas			
b If the answer is 'Yes' to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by General Instruction G? If 'No,' attach explanation	X		
9 Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2015 or the taxable year beginning in 2015 (see instructions for Part XIV)? If 'Yes,' complete Part XIV		X	
10 Did any persons become substantial contributors during the tax year? If 'Yes,' attach a schedule listing their names and addresses		X	

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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)	Schedule 12	11	X	
12	Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If 'Yes', attach statement (see instructions)		12		X
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application?		13	X	
Website address <u>welch1.org</u>					
14	The books are in care of <u>Norbert Ditttrich</u> Telephone no. <u>(713) 961-9884</u>				
	Located at <u>5555 San Felipe, Suite 1900 Houston TX</u> ZIP + 4 <u>77056-2730</u>				
15	Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 - Check here		15		
and enter the amount of tax-exempt interest received or accrued during the year					
16	At any time during calendar year 2015, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country?		16	Yes	No
See the instructions for exceptions and filing requirements for FinCEN Form 114. If 'Yes,' enter the name of the foreign country					

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

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

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

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

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

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

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

5 b

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).

6 a 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?

6 b

If 'Yes' to 6b, file Form 8870

7 a 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?

7 b

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	202,364.	60,573.	2,661.
Carolyn Kahlich 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Senior Acct. 40.00	113,896.	33,300.	686.
Carla Atmar 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Grant Program Coordinator 40.00	112,091.	33,269.	309.
Kathy Kirk 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Adm. Asst. 40.00	97,421.	33,026.	1,768.
Reena Cegielski 5555 San Felipe, Suite 1900 Houston TX 77056-2730	Staff Acct. 40.00	85,579.	29,656.	119.
Total number of other employees paid over \$50,000				2

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

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
Silchester International Investors 780 Third Avenue, 42nd Floor New York NY 10017	Investment Manager	571,640.
Eagle Capital Management LLC 499 Park Avenue New York NY 10022	Investment Manager	382,681.
Iridian Asset Management LLC 276 Post Road West Westport CT 06880	Investment Manager	327,885.
Edgabston Asian Equity Trust 105 Piccadilly London, W1J 7NJ	Investment Manager	274,036.
Wellington Trust Company 280 Congress Street Boston MA 02210	Investment Manager	230,081.
Total number of others receiving over \$50,000 for professional services		9

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)	885,730.
2 The 59th Annual Robert A. Welch Foundation Conference on Chemical Research (approximately 1,041 attendees)	512,326.
3 Norman Hackerman Award in Chemical Research (schedule 10)	325,514.
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	1 a	626,637,749.
b	Average of monthly cash balances	1 b	1,361,495.
c	Fair market value of all other assets (see instructions)	1 c	9,378,924.
d	Total (add lines 1a, b, and c)	1 d	637,378,168.
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation)	1 e	
2	Acquisition indebtedness applicable to line 1 assets	2	
3	Subtract line 2 from line 1d	3	637,378,168.
4	Cash deemed held for charitable activities. Enter 1-1/2% of line 3 (for greater amount, see instructions)	4	9,560,673.
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5	627,817,495.
6	Minimum investment return. Enter 5% of line 5	6	31,390,875.

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	31,390,875.
2 a	Tax on investment income for 2015 from Part VI, line 5	2 a	353,956.
b	Income tax for 2015 (This does not include the tax from Part VI.)	2 b	
c	Add lines 2a and 2b	2 c	353,956.
3	Distributable amount before adjustments. Subtract line 2c from line 1	3	31,036,919.
4	Recoveries of amounts treated as qualifying distributions	4	501,624.
5	Add lines 3 and 4	5	31,538,543.
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	31,538,543.

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	1 a	33,740,645.
b	Program-related investments — total from Part IX-B	1 b	
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)	3 a	
b	Cash distribution test (attach the required schedule)	3 b	
4	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4	4	33,740,645.
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	353,956.
6	Adjusted qualifying distributions. Subtract line 5 from line 4	6	33,386,689.

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 2014	(c) 2014	(d) 2015
1 Distributable amount for 2015 from Part XI, line 7				31,538,543.
2 Undistributed income, if any, as of the end of 2015				
a Enter amount for 2014 only			33,215,080.	
b Total for prior years 20 __, 20 __, 20 __				
3 Excess distributions carryover, if any, to 2015				
a From 2010 0.				
b From 2011 0.				
c From 2012 0.				
d From 2013 0.				
e From 2014 0.				
f Total of lines 3a through e 0.				
4 Qualifying distributions for 2015 from Part XII, line 4: \$ 33,740,645.				
a Applied to 2014, but not more than line 2a			33,215,080.	
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 2015 distributable amount				525,565.
e Remaining amount distributed out of corpus 0.				
5 Excess distributions carryover applied to 2015 (If an amount appears in column (d), the same amount must be shown in column (a))				
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 2014 Subtract line 4a from line 2a Taxable amount — see instructions 0.				
f Undistributed income for 2015. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2016				31,012,978.
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (Election may be required — see instructions)				
8 Excess distributions carryover from 2010 not applied on line 5 or line 7 (see instructions) 0.				
9 Excess distributions carryover to 2016. Subtract lines 7 and 8 from line 6a 0.				
10 Analysis of line 9:				
a Excess from 2011 0.				
b Excess from 2012 0.				
c Excess from 2013 0.				
d Excess from 2014 0.				
e Excess from 2015 0.				

BAA

Form 990-PF (2015)

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

N/A

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

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

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

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

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

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 or e-mail address 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				31,964,428.
Total			▶ 3 a	31,964,428.
b Approved for future payment See schedule 9				16,608,324.
Total			▶ 3 b	16,608,324.

Part XVI-A* Analysis of Income-Producing Activities

Enter gross amounts unless otherwise indicated

Enter gross amounts unless otherwise indicated		Unrelated business income		Excluded by section 512, 513, or 514		(e) Related or exempt function income (See instructions)
	(a) Business code	(b) Amount	(c) Exclu- sion code	(d) Amount		
1 Program service revenue:						
a						
b						
c						
d						
e						
f						
g Fees and contracts from government agencies . .						
2 Membership dues and assessments						
3 Interest on savings and temporary cash investments			14	8,645.		
4 Dividends and interest from securities			14	5,038,860.		
5 Net rental income or (loss) from real estate:						
a Debt-financed property						
b Not debt-financed property						
6 Net rental income or (loss) from personal property						
7 Other investment income						
8 Gain or (loss) from sales of assets other than inventory . .			18	38,402,766.		
9 Net income or (loss) from special events						
10 Gross profit or (loss) from sales of inventory						
11 Other revenue.						
a Royalties			15	897,635.		
b Other Income			1	231,253.		
c						
d						
e						
12 Subtotal. Add columns (b), (d), and (e)				44,579,159.		
13 Total. Add line 12, columns (b), (d), and (e)					13 44,579,159.	

(See worksheet in line 13 instructions to verify calculations)

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

[illegible]

Taxpayer's I.D.
76-0343128

Schedule 1

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2016

	Receipts and Expenses Per Book	Net Investment Income	For Exempt Purpose
Line 15 - Pension plans, employee benefits			
Insurance	199,519	110,582	79,259
Payroll Taxes	62,243	36,264	25,876
Contribution to the Defined Contribution Plan	109,259	61,919	47,084
	<u>371,021</u>	<u>208,765</u>	<u>152,219</u>

Taxpayer's I.D.
76-0343128

Schedule 1a

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2016

	<u>Receipts and Expenses Per Book</u>	<u>Net Investment Income</u>	<u>For Exempt Purpose</u>
Line 16a - Legal Fees	58,433	33,626	24,807
Line 16b - Accounting Fees	83,600	39,150	41,800
Line 16c - Other Professional Fees			
Investment Advisors	3,291,854	6,333,547	
Custody Management Fee	44,664	44,664	
Investment Consulting	144,644	144,643	
Land and Royalty Consulting	61,800	61,800	
Other Misc. Professional Fees	<u>82,106</u>	<u>27,158</u>	<u>54,948</u>
	<u>3,625,068</u>	<u>6,611,812</u>	<u>54,948</u>

Taxpayer's I.D.
76-0343128

Schedule 2

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2016

	Receipts and Expenses Per Book	Net Investment Income	For Exempt Purpose
Line 18 - Taxes			
Production	56,981	56,981	0
Ad Valorem	48,489	48,489	0
Federal Excise Tax	82,672	0	0
Foreign Taxes Paid	0	431,450	0
	<u>188,142</u>	<u>536,920</u>	<u>0</u>
Line 19 - Depreciation Depletion, and Amortization			
Depletion	0	1	0
Depreciation (Schedule 11)	<u>5,526</u>	<u>7,861</u>	<u>0</u>
	<u>5,526</u>	<u>7,862</u>	<u>0</u>

Taxpayer's I.D.
76-0343128

Schedule 3

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2016

	Receipts and Expenses Per Book	Net Investment Income	For Exempt Purpose
Line 23 - Other Expenses			
Bank Fees	5,183	2,998	2,185
Office Supplies	4,022	2,039	1,983
Dues and Subscriptions	16,575	9,429	7,146
Sundry	25,221	15,816	9,405
Postage	2,000	100	1,900
Insurance	77,174	46,033	31,141
Service Agreement	1,560	791	769
Visitation	1,107	0	1,107
Public Relations	98,294	9,829	88,465
Telephone	13,644	3,411	10,233
Computer Supplies & Maintenance	203,155	67,041	136,114
Advisory Board Fees & Expenses	413,163	0	413,163
Semiannual Meetings	47,614	0	47,614
Portfolio Deductions	0	487,503	0
Equipment Rental, Storage & Other Leases	23,916	12,124	11,792
	<u>932,628</u>	<u>657,114</u>	<u>763,017</u>

Taxpayer's I D.
76-0343128

Schedule 4

The Robert A. Welch Foundation
990PF, page 2
Year Ended August 31, 2016

Part II, Line 14, Column (b)	Basis	Accumulated Depreciation	Net
Land, Buildings, and Equipment			
Leasehold Improvements	451,133	451,133	0
Furniture and Fixtures	391,370	341,506	49,864
Hardware	99,755	86,099	13,656
Software	125,848	125,848	0
	<u>1,068,106</u>	<u>1,004,586</u>	<u>63,520</u>

Part II, Line 15, Column (b)	
Other Assets	
Custody Receivable	462,295
Other Receivables	23,777
Oil and Gas Royalties Receivable	65,911
Dividend Receivable	142,338
Interest Receivable	257,405
Prepaid FET	157,938
Section 10	491,457
Other Assets	45,222
	<u>1,646,343</u>

Part II, Line 22, Column (b)	
Other Liabilities	
Deferred Federal Tax Payable	1,077,887
	<u>1,077,887</u>

Amounts are reported at cost

The Robert A. Welch Foundation
Investments-US Government Obligations
Year Ended August 31, 2016
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4a

Quantity	Security	Cost
685,000 00	UST NTS 1.000% Due 09-15-17	684,200
850,000.00	UST NTS 1.750% Due 05-15-22	856,917
1,000,000.00	UST NTS 2.125% Due 06-30-22	1,003,676
1,000,000.00	UST NTS 2.250% Due 11-15-25	995,234
1,200,000 00	UST NTS 1.625% Due 11-15-22	1,199,489
1,250,000.00	UST NTS 2.375% Due 12-31-20	1,257,622
1,500,000.00	UST NTS 0.875% Due 04-30-17	1,492,622
1,500,000.00	UST NTS 2.625% Due 04-30-18	1,503,053
1,500,000.00	UST NTS 1.250% Due 10-31-19	1,521,158
2,000,000 00	UST NTS 2.750% Due 05-31-17	2,050,008
2,000,000.00	UST NTS 1.875% Due 10-31-17	1,929,539
2,000,000.00	UST NTS 2.875% Due 03-31-18	2,038,758
2,200,000.00	UST NTS 0.750% Due 03-15-17	2,190,039
2,450,000.00	UST NTS 1.625% Due 07-31-19	2,434,313
2,450,000.00	UST NTS 1.750% Due 01-31-23	2,486,463
2,500,000.00	UST NTS 0.625% Due 02-15-17	2,495,809
2,500,000.00	UST NTS 0.750% Due 02-15-19	2,488,672
2,500,000 00	UST NTS 2.125% Due 08-15-21	2,542,744
2,500,000.00	UST NTS 1.625% Due 04-30-23	2,499,316
2,500,000 00	UST NTS 2.000% Due 08-15-25	2,493,457
3,000,000.00	UST NTS 3.625% Due 08-15-19	3,091,939
3,000,000 00	UST NTS 2.625% Due 11-15-20	2,833,723
3,000,000 00	UST NTS 1.625% Due 08-15-22	2,981,262
3,500,000.00	UST NTS 2.625% Due 08-15-20	3,473,901
3,825,000.00	UST NTS 7.500% Due 11-15-16	4,680,846
		<u>53,224,760</u>
Less Accumulated Amortization		<u>(821,844)</u>
Total Bond Cost		<u><u>52,402,916</u></u>

The Robert A Welch Foundation
Investments-Corporate Stocks
Year Ended August 31, 2016
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4b

Shares	Security	Cost
5,750	AIR PRODS & CHEMS INC COM	803,911
10,375	ALBEMARLE CORP COM	687,871
16,895	ALERE INC COM	686,077
37,220	ALLSCRIPTS HEALTHCARE COM	514,397
1,190	ALPHABET INC CAP STK CL A	327,026
4,176	ALPHABET INC CAP STK CL C	2,250,329
3,484	AMAZON COM INC COM	1,035,569
10,800	ANADARKO PETRO	703,141
27,500	AON PLC SHS CL A	1,373,570
16,990	ARMSTRONG WORLD INDS COM	687,772
10,760	AUTODESK INC COM	637,037
64,645	AXALTA COATING SYS LTD COM	1,759,914
6,465	B/E AEROSPACE INC COM	322,130
91,500	BANK OF AMERICA	1,468,573
15,900	BERKLEY W R CORP COM	437,077
29,425	BERKSHIRE HATHAWAY INC CL B	3,160,002
44,750	BLACKBERRY LTD COM	336,787
13,045	CDK GLOBAL INC COM	705,667
19,000	CF INDS HLDGS INC COM	431,900
23,120	CHECK POINT SOFTWARE ORD	1,717,916
71,800	CITIGROUP INC COM	3,310,727
6,050	CST BRANDS INC COM	232,751
40,655	DELTA AIR LINES DEL COM	1,474,515
46,500	DISH NETWORK CORP CL A	2,481,529
7,650	EASTMAN CHEMICAL	380,723
45,850	EBAY INC COM	1,157,892
25,300	ECOLAB	1,783,570
8,100	FIDELITY NATL INFO SVC COM	481,343
51,540	FLEXTRONICS INTL LTD ORD	641,099
17,175	GAMESTOP CORP CL A	530,711
25,215	GCP APPLIED TECHNOLOGI COM	438,884
12,905	GENERAL DYNAMICS	1,820,778
8,067	GOLDMAN SACHS	1,119,907
18,940	GRACE W R & CO DEL COM	1,134,353
114,605	GRAPHIC PACKAG HLDG COM	1,442,628
39,555	HALOZYME THERAPEUTICS COM	440,864
15,930	HD SUPPLY HLDGS INC COM	558,839
9,353	HERTZ GLOBAL HLDGS INC	708,693
103,190	HEWLETT PACKARD ENTERP COM	1,459,580
46,150	INNOVIVA INC COM	841,245
6,399	INTERVAL LEISURE GROUP COM	76,319
17,470	INTREXON CORP COM	512,611
43,900	JP MORGAN CHASE & CO	2,518,377
6,130	LABORATORY AMER	841,902
20,180	LAS VEGAS SANDS CORP COM	1,032,138
10,321	LIBERTY GLOBAL PLC LILAC SHS CL C	57,815
126,060	LIBERTY GLOBAL PLC SHS CL C	3,113,411
20,750	LOWES COS	1,147,622
10,820	LYONDELLBASELL INDUSTRY	832,634
9,950	MARRIOTT INTL INC NEW CL A	641,539

The Robert A Welch Foundation
Investments-Corporate Stocks
Year Ended August 31, 2016
Form 900PF, page 2

Taxpayer's ID 76-0343128
Schedule 4b

14,365	MASCO CORP COM	363,042
69,200	MICROSOFT	2,668,397
39,200	MONDELEZ INTL INC CL A	956,144
22,850	MORGAN STANLEY COM	380,312
15,658	NCR CORP COM	459,545
15,090	NEWELL RUBBERMAID INC COM	690,250
32,500	NOBLE ENRGY INC COM	1,506,656
18,560	OLIN CORP COM PAR \$1	405,627
103,200	ORACLE	3,441,782
22,450	OWENS CORNING COM	1,148,299
16,700	PEPSICO	1,125,989
7,265	PHILLIPS 66 COM	491,074
21,340	PINNACLE FOODS INC DEL COM	1,034,233
52,675	PITNEY BOWES INC COM	953,275
53,870	PLAINS GP HLDGS L P SHS A REP LTPN	557,723
3,670	POST HLDGS INC COM	314,420
2,730	PPG INDS INC COM	285,536
14,285	S&P GLOBAL INC COM	1,136,252
45,035	SEALED AIR CORP COM	1,544,536
21,240	SEMGROUP CORP CL A	1,064,486
410	SERVICE CORP INTL COM	7,608
208,360	SIRIUS XM HLDGS INC COM	740,009
14,850	STARWOOD HOTELS & RESORT	933,803
18,355	STERIS PLC SHS USD	1,271,998
8,800	THERMO ELECTRON	296,961
79,900	TWENTY FIRST CTY FOX CL B	2,587,008
27,900	TWENTY-FIRST CTY FOX CL A	648,685
24,935	TYSON FOODS INC CL A	1,266,932
15,025	UNITEDHEALTH GROUP	885,338
13,665	VISTEON CORP COM	1,176,599
23,095	WYNDHAM WORLDWIDE CORP COM	1,263,410
43,480	YAHOO INC COM	1,543,182
1,245,251	BLACKROCK RUSSELL3000INDEX FUND B	29,068,880
22,400	DODDINGTON EMF, LLC	22,400,000
1,034,295	EDGBASTON ASIAN EQUITY TRUST	24,382,462
117,670	ISHARES MSCI EAFE ETF	7,827,912
20,000	KABOUTER INT'L OPPORTUNITIES FUND II	20,000,000
15,000	LL MORTGAGE FUND, LP	15,000,000
1,442,070	MANNING & NAPIER OVERSEAS SER	36,248,803
626,153	SII INT'L VALUE EQUITY	34,811,924
2,449,829	WELLINGTON CTF DIH	39,677,959
		<u>315,828,716</u>

Amounts are reported at cost.

The Robert A. Welch Foundation
Investments-Other
Year Ended August 31, 2016
Form 990PF, page 2

Taxpayer's ID 76-0343128
Schedule 4c

Part II, Line 10c, Column (b)

Corporate bonds.

Brandywine Global Investment Management Trust	13,694,932
	<u>13,694,932</u>

Part II, Line 13, Column (b)

Other Investments:

Ashbel Smith Management Company Preferred	156,667
Ashbel Smith Management Company Common	20,000
Mineral and Fee Properties	3,111,781
RWF Fund, LP	<u>156,516,242</u>
	<u>159,804,690</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, 2016

Part III, Line 5 - Decreases not included in line 2

Decrease in Prepaid Pension	(503,771)
Federal Excise Tax Provision on Capital Gains	<u>(247,718)</u>
	<u><u>(751,489)</u></u>

Taxpayer's I.D.
76-0343128

Schedule 6

The Robert A. Welch Foundation
990PF, page 6
Year Ended August 31, 2016

Part VIII, Line 1

Name/ Address	Title	Time Devoted	Compensation	Benefit Plans	Expense Account and Allowance
Charles W. Tate 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730	Chair & Director	6 hours	45,968	0	0
Carin M. Barth 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730	Vice Chair & Director	4 hours	35,000	0	0
Ernest H Cockrell 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730	Secretary & Director	4 hours	35,000	0	0
Robert C. Robbins, M.D. 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730	Treasurer & Director	4 hours	35,000	0	0
Wilhelmina E. Robertson 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730	Director	4 hours	39,032	0	0
Norbert Dittrich 5555 San Felipe, Suite 1900 Houston, Texas 77056-2730	President	40 hours	679,970 (1)	75,803	9,895

869,970

Applied to Direct Charitable Activities
Page 1, Part I, Line 13(a)

(159,912)

710,058

(1) Salary
Benefit restoration payment made due to the compensation
limit imposed on retirement plans.

493,075

186,895

679,970

The Robert A. Welch Foundation
Year Ending August 31, 2016

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

Security	Date		Date	Proceeds	Cost Basis	Gain or Loss	
	Acquired	Acquired				Short Term	Long Term
Publicly Traded Securities	purchase	various	various	98,044,481	81,613,293	(1,274,171)	17,705,359
Other Gains and Losses							
Partnership #1	purchase	various	various	32,858,750	36,392,344	(1,640,740)	(1,892,854)
Partnership #2	purchase	various	various	92,090	96,158	0	(4,068)
Partnership #4	purchase	various	various	274,036	320,902	0	(46,866)
Partnership #8	purchase	various	various	15,571,640	16,054,044	0	(482,404)
K-1 Partnership #1	purchase	various	various			140,834	3,965,600
K-1 Partnership #2	purchase	various	various			(18,571)	176,825
K-1 Partnership #3	purchase	various	various			(29,121)	989,658
K-1 Partnership #4	purchase	various	various			8,983	597,086
K-1 Partnership #5	purchase	various	various			370,088	630,661
K-1 Partnership #6	purchase	various	various			513	1,184
K-1 Partnership #8	purchase	various	various			83,447	7,493,286
K-1 Partnership #9	purchase	various	various			(3,387,544)	(1,745,197)
K-1 Partnership #10	purchase	various	various			161,084	5,951,595
				146,840,997	134,476,741	(5,585,198)	33,339,865
Short Term Taxable Gain(Loss)							(5,585,198)
Long Term Taxable Gain(Loss)							33,339,865
Part I, Line 7							27,754,667

Taxpayer's I.D.
76-0343128

Schedule 8

The Robert A. Welch Foundation
990PF, page 1
Year Ended August 31, 2016

	Receipts and Expenses Per Book	Net Investment Income	For Exempt Purpose
Line 11			
Other Income:			
Royalties	897,635	848,881	0
Other Income	231,253	2,626,591	0
	<u>1,128,888</u>	<u>3,475,472</u>	<u>0</u>

The Robert A. Welch Foundation

Taxpayer's ID 76-0343128
Schedule 9

#	Code	Grantee	Description	Balance 8.31.2015	Total Approved	Total Paid	Canceled	Balance 8.31.2016
1865	GOV	UT Southwestern Medical Center Dallas, TX	Apoptosome Caspase Control by Tango7	97,500	0	65,000		32,500
1595	GOV	UT at Dallas Richardson, TX	Tailoring Small Molecules to Mimic Protein Helical Surfaces	60,000	0	60,000		0
1866	PC	Baylor College of Medicine Houston, TX	Mapping Chromatin Loop Dynamics in Differentiating Hematopoietic Cells	97,500	0	48,750		48,750
1753	GOV	UT at Austin Austin, TX	Diversification of Biologically-Derived Oleochemicals Through a Combinatorial Approach	30,000	0	30,000		0
1704	GOV	UT Southwestern Medical Center Dallas, TX	Post-Translational Modification of Host Enzymes by Bacterial Effector Proteins	120,000	0	80,000		40,000
1802	GOV	UT at Austin Austin, TX	Giant Sensitivity and Broadband Circular Dichroism in Plasmonic Metamaterials	0	240,000	120,000		120,000
1890	GOV	Texas A&M University College Station, TX	Accelerating the Search for New Topological Materials Using <i>in-situ</i> X-ray Diffraction Measurements and Electronic Structure Calculations	0	195,000	81,250		113,750
1867	GOV	UT at Austin Austin, TX	Role of Surface Chemistry and Interfacial Charge on Methane Hydrate Nucleation	97,500	0	65,000		32,500
1891	GOV	UT at Austin Austin, TX	Studies in Biophysical Chemistry. Applications of Ultrafast Infrared Spectroscopy	0	195,000	97,500		97,500
1836	GOV	UT at Austin Austin, TX	Nanodisc-Based Delivery of Membrane Protein Therapeutics	30,000	0	30,000		0
1153	GOV	UT at Dallas Richardson, TX	Zeolite Encapsulated Metal Complexes	0	240,000	160,000		80,000
1680	PC	Rice University Houston, TX	New Strategies for Catalytic Bond Formation	56,250	0	56,250		0
1892	GOV	UT Southwestern Medical Center Dallas, TX	Role of Chromatin Remodeling in ALT-Positive Cancers	0	195,000	97,500		97,500
1728	GOV	University of Houston Houston, TX	Distinguishing Photocatalytic Activity of Different Cobalt Oxides Through Controlled Material Synthesis and Systematic Photoelectrochemical Investigation	0	240,000	160,000		80,000
1647	GOV	Texas A&M University College Station, TX	Evolving Metallocofactor Chemistry Through Second Shell Interactions	0	195,000	81,250		113,750
1780	GOV	UT at Austin Austin, TX	Comparing the Chemical Utility of Alternative Genetic Codes	97,500	0	65,000		32,500
1309	PC	Rice University Houston, TX	Novel Peroxisomal Processes in Plants	56,250	0	56,250		0
1705	GOV	UT at Austin Austin, TX	Plasmonic-Enhanced Nanoscale Mid-Infrared Microscopy with Monolayer Sensitivity	120,000	0	80,000		40,000
1803	GOV	UT at Austin Austin, TX	Understanding the Crystal Chemistry of Bi-Based Perovskites	30,000	0	0	30,000	0
1729	PC	Rice University Houston, TX	The Role of Protein/DNA Interactions in the Kinetics of Biochemical Networks	0	240,000	100,000		140,000
639	GOV	Texas A&M University College Station, TX	Thermally Responsive Multiphase Catalyst Systems	140,000	0	80,000		60,000
1649	GOV	UT at El Paso El Paso, TX	Deciphering the Structural and Functional Basis for Ring Separation in Chaparrons	0	195,000	130,000		65,000
747	GOV	Texas A&M University College Station, TX	Structure and Dynamics of Prototypical Hydrogen Bonded and Related Interactions	140,000	0	0	80,000	60,000
490	PC	Rice University Houston, TX	Chemistry of Carbon Nanomaterials	56,250	0	56,250		0

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#	Code	Grantee	Description	Balance 8.31.2015	Total Approved	Total Paid	Cancel	Balance 8.31.2016
1337	GOV	University of Houston Houston, TX	Theoretical Studies of Ultrafast and Coherent Charge-Separation Dynamics in Organic Photovoltaic Systems	160,000	0	160,000	0	0
1420	GOV	UT Southwestern Medical Center Dallas, TX	Determining Lipid-Protein Interactions for a Channel Gated by Membrane Tension	30,000	0	30,000	0	0
1155	GOV	UT at Austin Austin, TX	Impact of Charges on Protein Fragmentation	0	330,000	165,000	0	165,000
1893	GOV	University of Houston Houston, TX	New Pd(II) and Ni(II) Catalysts for Olefin Polymerizations and Copolymerizations	0	195,000	130,000	0	65,000
1568	GOV	UT Southwestern Medical Center Dallas, TX	IsiForm-Selective Regulation of HIF-Alpha by Isoprenoids	0	240,000	120,000	0	120,000
1121	GOV	Texas A&M University College Station, TX	Hydrogenations of Stereochemically Complex Substrates The End of a Messy Divorce and the Beginning of a New Romance	140,000	0	80,000	0	60,000
1804	GOV	UT Southwestern Medical Center Dallas, TX	Dysregulation of Intermediary Metabolism During Disease	0	240,000	120,000	0	120,000
1241	PC	Rice University Houston, TX	Structure and Properties of Complex Fluids in the Bulk and Interfacial Regions	75,000	0	75,000	0	0
1837	GOV	UT at Austin Austin, TX	Simulating Direct Images of the Covalent Bond from Atomic Force Microscopy	30,000	0	30,000	0	0
1730	GOV	UT at San Antonio San Antonio, TX	Functional Porous Metal-Organic Frameworks for Recognition of Small Molecules	0	330,000	220,000	0	110,000
1868	GOV	UT Southwestern Medical Center Dallas, TX	Development of Anticancer Immunotherapeutic Agents	97,500	0	65,000	0	32,500
1731	GOV	UT HSC at Houston Houston, TX	Molecular Mechanism of a Clock-Enhancing Natural Product	0	195,000	81,250	0	113,750
1389	GOV	UT Southwestern Medical Center Dallas, TX	Biochemical Mechanism of MAVS Activation by Prion-Like Polymerization	0	330,000	165,000	0	165,000
1805	GOV	UT Southwestern Medical Center Dallas, TX	Mechanistic Action of BCL-2 Compound Inhibitors in Cancer Therapeutics	0	195,000	97,500	0	97,500
1242	PC	Baylor College of Medicine Houston, TX	Structural Studies of Viruses by Cryo-EM	37,500	0	37,500	0	0
1532	GOV	UT Southwestern Medical Center Dallas, TX	Mechanisms of Nuclear Export Cargo Dissociation	37,500	0	37,500	0	0
1286	GOV	UT Southwestern Medical Center Dallas, TX	Mitochondrial Signaling by Reversible Phosphorylation	0	195,000	97,500	0	97,500
673	GOV	Texas A&M University College Station, TX	Surface Functionalization of Zirconium Phosphate and Phosphonate for Drug Delivery, Lubrication and Catalysis	0	240,000	100,000	0	140,000
1570	PC	Rice University Houston, TX	Mapping the Free Energy Landscape of Proteins by Combining Theory and Experiment	0	330,000	137,500	0	192,500
1243	GOV	UT Southwestern Medical Center Dallas, TX	Regulatory and Catalytic Properties of MAP Kinase Cascades	30,000	0	30,000	0	0
1212	PC	Texas Christian University Fort Worth, TX	Hollow Semiconductor Nanotubes Structural and Compositional Control	120,000	0	60,000	0	60,000
1806	GOV	University of Houston Houston, TX	Asymmetric Carbon-Carbon Bond Formation from Functionalized Azobulenes	0	195,000	130,000	0	65,000
1869	GOV	University of Houston Houston, TX	Structure and Dynamics of Attractive Nanoparticle Glasses	130,000	0	130,000	0	0
1756	GOV	UT at Austin Austin, TX	In Vivo Structure Characterization of Catalytic RNAs by Fluorescence	30,000	0	30,000	0	0
1244	GOV	UT Southwestern Medical Center Dallas, TX	Recognition of Chromosomal DNA by Synthetic Oligomers	50,000	0	50,000	0	0

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1838	GOV	Texas Tech University Lubbock, TX	Photoisomerizable Ligands for Light Harvesting by Transition Metal Complexes	60,000	0	60,000		0
1757	GOV	Texas Tech University HSC Lubbock, TX	Crystallographic and Functional Studies in KcsA-Kv Channel Chimeras that Differ in C-Type Inactivation Properties	30,000	0	30,000		0
1839	PC	Rice University Houston, TX	Spin Dynamics in Single Molecular Magnets	45,000	0	45,000		0
1390	GOV	UT at Austin Austin, TX	Targeting MFLK for Cancer Therapy	0	240,000	120,000		120,000
1840	GOV	UT Southwestern Medical Center Dallas, TX	Probing Oncogenic Functions of Vinculin Filaments by Small Molecule Screens	30,000	0	30,000		0
923	GOV	Texas A&M University College Station, TX	Design and Reactivity Studies of Metal Catalysts for the Production of Polycarbonates from Novel Oxiranes and Carbon Dioxide	140,000	0	80,000		60,000
924	GOV	Texas A&M University College Station, TX	Synthetic Analogues and Reactivity Studies of Iron, Nickel, and Zinc Biomimetic Complexes Containing Histidine, Cysteine, and Nitric Oxide as Ligands	140,000	0	80,000		60,000
1870	GOV	UT at Austin Austin, TX	High-Throughput Chemical Screening for the Discovery and Development of Antimicrobial Peptides	97,500	0	65,000		32,500
1422	GOV	UT Southwestern Medical Center Dallas, TX	Novel Heterocyclizations for Natural Product Synthesis	37,500	0	37,500		0
1733	GOV	UT Southwestern Medical Center Dallas, TX	Complementation of a Redox-Balancing Metabolic Activity in the Cancer Cell Peroxisome	0	240,000	120,000		120,000
1289	GOV	UT at Arlington Arlington, TX	Metal Complexes of Highly Fluorinated Ligands	0	330,000	220,000		110,000
1894	GOV	University of Houston Houston, TX	Site-Differentiated Platforms for Olefin Polymerization Catalysis	0	195,000	130,000		65,000
1781	GOV	UT at Austin Austin, TX	Site-Selective C-H Bond Functionalization	165,000	0	0	165,000	0
1782	GOV	UT Southwestern Medical Center Dallas, TX	Cooperative Assembly of HIV Transcription Elongation Complexes	97,500	0	65,000		32,500
1058	GOV	UT at Austin Austin, TX	Terminosecond Optical Probes of Nano-Inter Face Chemistry	0	330,000	165,000		165,000
1871	GOV	UT at San Antonio San Antonio, TX	Selective Chemical Oxidations	130,000	0	130,000		0
1682	PC	Rice University Houston, TX	Microwave and Infrared Spectroscopy of 2D Atomic Crystals and Topological Insulators	56,250	0	56,250		0
1449	GOV	Texas A&M University College Station, TX	Magnetic and Electronic Properties of Molecular Materials: Investigation of Factors that Effect Bistability	192,500	0	110,000		82,500
734	PC	Rice University Houston, TX	Studies Involving Molecules in High Rydberg States	75,000	0	75,000		0
1895	GOV	UT at Austin Austin, TX	Development of Ambient Ionization Ion Mobility Mass Spectroscopy Imaging for Spatial and Chemical Lipid Analysis in Biological Samples	0	195,000	97,500		97,500
1896	GOV	UT at Austin Austin, TX	Bridging Temporal and Spatial Scales in Membrane Modeling	0	195,000	97,500		97,500
1654	GOV	UT at Austin Austin, TX	Kinetic and Structural Characterization of the First Error-Correcting Reverse Transcriptase	0	240,000	120,000		120,000
1709	GOV	UT at Austin Austin, TX	Chemistry and Properties of Self-Assembly Directed Nanomaterials	120,000	0	80,000		40,000
1897	GOV	UT Southwestern Medical Center Dallas, TX	Structural and Biochemical Characterization of DEAD-Box ATPase Function and Regulation During Ribosome Biogenesis	0	195,000	97,500		97,500

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1734	GOV	UT at Austin Austin, TX	Innovative Mechanism for the Synthesis of 3-D Nano-Superstructures by Designed Catalysts	0	240,000	120,000		120,000
1898	GOV	Texas A&M University College Station, TX	p-Conjugated Macrocyclic Molecular Belts	0	195,000	81,250		113,750
1572	GOV	UT at Austin Austin, TX	Chemical Probes of Biological Catalysts	0	240,000	120,000		120,000
1807	GOV	Texas Tech University Lubbock, TX	Base-Metal Catalyzed Transformations	0	195,000	130,000		65,000
1808	GOV	UT at Austin Austin, TX	Mapping the Proofreading Mechanisms of Cas9 Nuclease on a Hacked DNA Sequencer	0	195,000	97,500		97,500
1245	GOV	UT HSC at San Antonio San Antonio, TX	Mechanisms of Oxidative Enzymes	30,000	0	30,000		0
1809	PC	Rice University Houston, TX	Quantum Coherence in Driven, Disordered and Topological Many-Body Systems	0	195,000	81,250		113,750
1423	GOV	Texas A&M University College Station, TX	Coordination Non-Innocence of Antimony and Tellurium Ligands	75,000	0	75,000		0
1899	PC	Baylor University Houston, TX	Can We Apply Hydrogen/Deuterium Exchange - Mass Spectrometry to Elucidate Glycan Binding Interactions?	0	195,000	81,250		113,750
1599	GOV	UT at Austin Austin, TX	Fundamental Studies of Self-Assembly in Mixtures of Organic and Inorganic Molecules	50,000	0	50,000		0
1900	PC	Southern Methodist University Dallas, TX	Efficient, Sustainable and Selective Catalytic Systems for the Direct C-N Functionalization of C-H and C-C Bonds Based on Iron-Nitrenoid/Imido Species	0	195,000	81,250		113,750
1656	GOV	Texas A&M University College Station, TX	Werner Complexes as "Organocatalysis"	0	240,000	100,000		140,000
1810	GOV	Texas A&M University College Station, TX	Phospholipid Requirements for Mitochondrial Structure and Function	0	195,000	81,250		113,750
1759	PC	Baylor College of Medicine Houston, TX	Gene Regulation by Transcription Factors Single-Molecule Chemistry in the Cell	30,000	0	30,000		0
1128	GOV	UT Southwestern Medical Center Dallas, TX	Docking Interactions between the MAP3Ks, ASK1/TAO2 and B-Raf with their Cognate MAP2Ks, MEK6 and MLK1	97,500	0	65,000		32,500
1066	GOV	UT at Austin Austin, TX	Influence of Counter Cation in Mixed-Metal Oxides	0	330,000	165,000		165,000
1577	GOV	University of North Texas Denton, TX	Emergence of Biological Complexity	0	195,000	130,000		65,000
1505	GOV	UT Southwestern Medical Center Dallas, TX	Discovering New Chemistries with Whole Genome Sequencing	0	240,000	120,000		120,000
1297	GOV	University of Houston Houston, TX	Chemical Bonding and Properties of Polar Intermetallics Along the Border Between Metals and Nonmetals	0	240,000	160,000		80,000
1761	PC	Rice University Houston, TX	Surface Enhanced Spectroscopy for Membrane Structural Biology	45,000	0	45,000		0
1220	PC	Rice University Houston, TX	Chemical and Photophysical Properties of Electron-Delocalized Nanoparticles	0	330,000	137,500		192,500
1457	GOV	University of Houston Houston, TX	Advanced Second-Harmonic Generating Materials	160,000	0	160,000		0
648	GOV	Texas A&M University College Station, TX	Computational Chemistry on Transition Metal Systems	140,000	0	80,000		60,000
1397	GOV	Texas A&M University College Station, TX	Nuclear Decay Studies	0	240,000	100,000		140,000

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1811	GOV	UT at Austin Austin, TX	A Radical Proposal for How Transmembrane Transit of H ⁺ -Ions Can Generate an Oscillating Electric Field for Driving Rotation of the Flagellar Motor	0	240,000	120,000		120,000
1399	GOV	UT IISC at San Antonio San Antonio, TX	In silico Screening for Inhibitors of CARDS Toxin from <i>M. pneumoniae</i>	0	330,000	137,500		192,500
1557	PC	Rice University Houston, TX	Synthesis of Nanostructured Organic Materials via Self-Assembly	140,000	0	80,000		60,000
1872	PC	Rice University Houston, TX	Ultrasound Nonreactive Molecules from Collision Complexes to Complex Materials	113,750	0	65,000		48,750
1131	GOV	UT at Austin Austin, TX	Design of Polymeric Binder-Carbon Particle Composites of Lithium Ion Battery Electrode	165,000	0	110,000		55,000
1841	GOV	UT at Austin Austin, TX	Design of Materials for Energy Conversion and Storage	30,000	0	30,000		0
1873	GOV	UT Southwestern Medical Center Dallas, TX	Novel Pathways of ER-Endolysosomal Inter-Organellar Communication	97,500	0	65,000		32,500
1812	GOV	UT Southwestern Medical Center Dallas, TX	Structural Principles of Inhibitory Neurotransmitter Receptor Modulation	0	195,000	97,500		97,500
1658	GOV	Texas A&M University College Station, TX	Characterization of Olefin Metathesis Using Dissolution Dynamic Nuclear Polarization	0	195,000	81,250		113,750
1842	GOV	UT IISC at San Antonio San Antonio, TX	Structural and Mechanistic Studies of TGF- β Superfamily Signaling Proteins	45,000	0	20,821	24,179	0
1206	GOV	University of Houston Houston, TX	Synthesis of Metal Complexes with Sterically Encumbered Ketimide Ligands	130,000	0	130,000		0
1631	GOV	UT at Austin Austin, TX	Seeded Growth of Inorganic Materials within Organic Templates	120,000	0	40,000	80,000	0
1874	GOV	UT Southwestern Medical Center Dallas, TX	Engineering Antibacterial Lectins for Specific Targeting of Antibiotic-Resistant Bacteria	97,500	0	65,000		32,500
1843	GOV	UT at Dallas Richardson, TX	Sulfur Poisoning of Complex Oxide Catalysts for Nitric Oxide (NO) Oxidation	60,000	0	60,000		0
991	PC	Rice University Houston, TX	Effect of Crystal Structure and Stoichiometry	45,000	0	45,000		0
1133	PC	Rice University Houston, TX	Molecular Mechanism of Membrane-Acting Antibiotic Daptomycin	192,500	0	110,000		82,500
1738	GOV	UT at Austin Austin, TX	Universal Triatomic Molecules by Association of Ultracold Atoms	0	195,000	97,500		97,500
1535	GOV	UT at Austin Austin, TX	Design and Synthesis of New Metalloligands for the Construction of Phosphine Coordination Materials with Advanced Solid-State Properties	37,500	0	37,500		0
1784	GOV	Texas A&M University College Station, TX	First-Principles Investigation of the Structure, Chemistry and Function of Graphene-Like Nanomaterials	113,750	0	65,000		48,750
1188	GOV	UT at Austin Austin, TX	A Novel Interaction Within Protein Kinase C Enzyme	30,000	0	30,000		0
1901	GOV	UT Southwestern Medical Center Dallas, TX	Understanding a New Family of Reporting Molecules	0	195,000	97,500		97,500
1274	GOV	UT at Austin Austin, TX	<i>In situ</i> Measurement of Inter-Receptor Interaction Kinetics on the Cell Surface Complex Active Sites for Phosphoryl Transfer: Continued Chemical, Biochemical, Biophysical and Structural Analyses	120,000	0	80,000		40,000
1507	GOV	UT IISC at San Antonio San Antonio, TX	Modulating Hemichannel Activities Using Targeting Antibodies	0	240,000	100,000		140,000
1603	GOV	UT Southwestern Medical Center Dallas, TX	Study of Cell Signaling at the Primary Cilium	50,000	0	50,000		0

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1785	GOV	UT at Austin Austin, TX	Error-Free High-Throughput Gene Sequencing	97,500	0	65,000		32,500
1684	GOV	UT Southwestern Medical Center Dallas, TX	cryoEM Studies of IP3R in New Chemically Engineered Membranes	56,250	0	0	56,250	0
1578	GOV	UT Southwestern Medical Center Dallas, TX	Structural and Functional Studies of Ligand-Gated Cation Channels	0	240,000	120,000		120,000
1711	GOV	UT HSC at Houston Houston, TX	Dissection of Mechanisms for Polyubiquitin Chain Synthesis	97,500	0	48,750		48,750
1604	GOV	UT at Austin Austin, TX	Kinetics of Hepatitis C Viral RNA-Dependent RNA Replication	37,500	0	37,500		0
1319	GOV	UT at Austin Austin, TX	Tuning Inorganic and Organic Nanoclusters Assembled from Primary Nanoparticles	50,000	0	50,000		0
816	GOV	UT at Austin Austin, TX	Molecular Precursors for New Functional Materials	120,000	0	80,000		40,000
680	GOV	University of Houston Houston, TX	Electrochemistry and Spectroelectrochemistry of Compounds with Multiple Redox Centers	0	330,000	220,000		110,000
1763	GOV	Texas A&M University College Station, TX	Biochemistry of the RNA Polymerase II Active Site	45,000	0	45,000		0
1712	GOV	UT at Austin Austin, TX	Preparative Biocatalytic Synthesis of Complex Polypeptides	120,000	0	80,000		40,000
1298	GOV	UT at Austin Austin, TX	Chemistry of N-Alkylpyrazoles	30,000	9,754	39,754		0
1632	PC	Rice University Houston, TX	Single Molecule Studies of Molecular Interactions of Biological Macromolecules	113,750	0	65,000		48,750
1844	PC	Rice University Houston, TX	Creation of Halo Molecules with an Optical Feedback Resonance	45,000	0	45,000		0
1875	GOV	UT HSC at Houston Houston, TX	Locus-Specific Quantitation of Uracl Associated with Unscheduled DNA Synthesis	97,500	0	48,750		48,750
1558	GOV	UT Southwestern Medical Center Dallas, TX	Characterization of the Endogenous Ligand for the Immunomodulatory Orphan Nuclear Receptor ROR γ	165,000	0	110,000		55,000
1138	GOV	Texas A&M University College Station, TX	Theoretical Studies of Heavy Ion Collisions	140,000	0	80,000		60,000
1686	GOV	UT Southwestern Medical Center Dallas, TX	Discovering Toxin Receptors with Photocrosslinking Sugars	50,000	0	50,000		0
1559	PC	Rice University Houston, TX	Theoretical Understanding of Chemical Mechanisms of Selectivity in Transport through Channels	192,500	0	110,000		82,500
1509	PC	Rice University Houston, TX	Optical, Infrared and Terahertz Spectroscopy of Low-Dimensional Materials	0	240,000	100,000		140,000
1464	GOV	UT at Austin Austin, TX	Nanomaterials of Earth Abundant Elements for Energy Storage and Harvesting	165,000	0	110,000		55,000
608	GOV	University of Houston Houston, TX	Supersymmetric Quantum Mechanics: Accurate Excited State Energies and Wave Functions	75,000	0	75,000		0
1764	PC	Rice University Houston, TX	Novel Methods and Reagents for C-C and C-N Bond Formation	56,250	19,087	75,337		0
396	GOV	Texas A&M University College Station, TX	Molecular Structures and Vibrational Potential Energy Surfaces in Ground and Excited Electronic States	140,000	0	80,000		60,000
1814	GOV	UT at Austin Austin, TX	Noninvasive Electrical Mapping of Chemical Processes in 2D Materials	0	195,000	97,500		97,500
634	GOV	UT at Austin Austin, TX	The Chemical Composition of Stars	165,000	0	55,000	110,000	0

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1607	GOV	UT at Austin Austin, TX	Thermotargetron System for Genome Engineering of Thermophiles	30,000	0	30,000		0
1787	PC	Rice University Houston, TX	Exploiting Molecular Fluorescence to Probe Local Chemical Dynamics	113,750	0	65,000		48,750
1788	GOV	UI at San Antonio San Antonio, TX	New Enantioselective Strategies for the Synthesis of IPI Natural Products	130,000	0	130,000		0
1876	GOV	Texas Tech University Lubbock, TX	Methyl-Based NMR Investigation of a DNA Double Strand Break Repair Complex	130,000	0	130,000		0
1741	GOV	UT at Austin Austin, TX	Chemical, Biochemical and Structural Studies of Inflammation-Induced DNA Lesions	0	240,000	120,000		120,000
1320	GOV	University of Houston Houston, TX	Aliphatic Xanthines and Analogs for Tailored Surfaces and Nanoparticle Coatings	75,000	0	75,000		0
1713	GOV	UT Southwestern Medical Center Dallas, TX	Biochemical and Functional Analysis of Histone Clipping	97,500	0	65,000		32,500
1361	GOV	Texas Tech University Lubbock, TX	Chiral N-Phosphorylmines-Controlled Asymmetric Reactions of Halo Enolates	160,000	0	160,000		0
1845	PC	Rice University Houston, TX	Nuclear Chemistry at Trillion Degrees	45,000	0	45,000		0
1902	GOV	UT Southwestern Medical Center Dallas, TX	Fluorescent Probes for Cellular Imaging	0	195,000	97,500		97,500
1662	GOV	UT at Austin Austin, TX	Bi-Compatible Quantum Sensors	0	240,000	120,000		120,000
1170	GOV	Texas A&M University College Station, TX	Characterization of Low-Molecular-Weight Metal Complexes in Mitochondria and Blend	0	240,000	100,000		140,000
1664	PC	Rice University Houston, TX	Observing Chemistry via Surface Plasmons	0	330,000	137,500		192,500
1789	GOV	UT Southwestern Medical Center Dallas, TX	Novel Imaging Probes for Investigating Ir-Plasma Membrane Junctions	97,500	0	65,000		32,500
1511	GOV	UT at Austin Austin, TX	Mechanistic Studies of Novel Enzymes	0	330,000	165,000		165,000
1714	GOV	UT HSC at Houston Houston, TX	High-Resolution Structure Determination of Molecular Machines <i>in situ</i> by Cryo Electron Tomography	165,000	0	82,500		82,500
1608	GOV	UT Southwestern Medical Center Dallas, TX	Mechanistic Studies of the Drosophila RNA Interference Pathway	30,000	0	30,000		0
1715	GOV	Texas A&M University College Station, TX	Biosensors for Small Molecules and Enzymes	140,000	0	80,000		60,000
1790	GOV	UT Southwestern Medical Center Dallas, TX	Structural Basis and Chemical Modulation of Gene Silencing by Polycomb Repressive Complex 2	97,500	0	65,000		32,500
1560	GOV	UT Southwestern Medical Center Dallas, TX	Biochemical Analysis of an RNA Interference Pathway	165,000	0	110,000		55,000
1742	GOV	Texas A&M University College Station, TX	Membrane Protein Regulation Through the Lipid Bilayer	0	195,000	81,250		113,750
1716	PC	Rice University Houston, TX	Development of Nanomaterials for Low Cost Solar Energy Harvesting	140,000	0	80,000		60,000
1362	GOV	UT at Arlington Arlington, TX	Total Synthesis of Imidazole-Containing Natural Products	160,000	0	160,000		0
1765	GOV	University of Houston Houston, TX	Predicting the Structure of Complex Inorganic Solids	60,000	0	60,000		0
1020	GOV	Texas A&M University College Station, TX	Reaction Dynamics Probed by Molecular-Frame Photoionization	140,000	0	80,000		60,000

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1665	GOV	UT Southwestern Medical Center Dallas, TX	Functional Interrogation of Extracellular Protein Lipidation	0	240,000	120,000		120,000
1877	GOV	UT at Dallas Richardson, TX	Tracking Amino Acid Metabolism in Cancer in Real-Time Using Hyperpolarized ¹³ C Magnetic Resonance	130,000	0	130,000		0
1903	GOV	UT Southwestern Medical Center Dallas, TX	Regulation of Hypoxia-Inducible Factor 1 Transcriptional Activity by the Histone Modifier	0	195,000	97,500		97,500
1766	GOV	Texas A&M University College Station, TX	Discovering the Rich Electrochemistry of Nitroxide Radical-Modified Conjugated Polymers	45,000	0	45,000		0
1904	GOV	UT at Austin Austin, TX	Synthesis and Self-Assembly of Cooperatively Crystalline Block Copolymers Exploring the Chemical Forces Stabilizing Human Polycomb Repressive Complex 2	0	195,000	97,500		97,500
1512	PC	Baylor College of Medicine Houston, TX		0	240,000	100,000		140,000
1473	GOV	UT at Austin Austin, TX	Electronic Properties of Graphene	165,000	0	110,000		55,000
1689	GOV	UT Southwestern Medical Center Dallas, TX	Role of Non-Enzymatic Transformations in Natural Product Biosynthesis	37,500	0	37,500		0
1905	PC	Trinity University San Antonio, TX	Mechanism of a Small Protein at the Heart of Spliceosome Activation	0	195,000	81,250		113,750
1514	GOV	UT at Austin Austin, TX	Theory and Simulations of Single-Molecule Dynamics	0	330,000	165,000		165,000
1275	GOV	UT Southwestern Medical Center Dallas, TX	Ligand Binding Properties of Nematode Olfactory Nucleus Receptors	165,000	0	110,000		55,000
1254	GOV	UT at Austin Austin, TX	Synthesis and Properties of Transition Metal Oxides with Unusual Valence States	50,000	0	50,000		0
1515	GOV	UT at Austin Austin, TX	A Mass Spectrometry-Based Reference Map of Core Eukaryotic Protein Complexes	0	330,000	165,000		165,000
1846	PC	Baylor University Houston, TX	New Powerful Lewis Acids as Metal-Free Catalysts	45,000	0	45,000		0
652	GOV	UT at Austin Austin, TX	Synthesis of Biologically Relevant Molecules	165,000	0	110,000		55,000
1878	GOV	UT Southwestern Medical Center Dallas, TX	Small Molecule Inhibitors Selectively Targeting Malaria Epigenetic Enzymes	97,500	0	65,000		32,500
1817	GOV	UT at Austin Austin, TX	Structure and Function of a Nano-Scale Biological Machine	0	195,000	97,500		97,500
1323	PC	Rice University Houston, TX	Terpene Biosynthesis	45,000	0	45,000		0
1744	GOV	University of Houston Houston, TX	The Total Synthesis of Bioactive Natural Products via Novel Methods and Strategies	0	195,000	130,000		65,000
1767	GOV	UT at Austin Austin, TX	Control of Protein Folding Quality: Portable Sequence Determinants of Antibody Stability	30,000	0	30,000		0
1847	GOV	UT M. D. Anderson Cancer Center Houston, TX	Small Molecule Inhibitors of Epigenetic Effector Proteins	30,000	0	30,000		0
1768	GOV	University of Houston Houston, TX	Shape-Persistent Fluorophores Based on Benzimidazoles and Tetrasubstituted Silanes	60,000	0	60,000		0
1848	GOV	UT at Austin Austin, TX	Plasmonic Transparent Conducting Oxide Nanocrystals: Dopant Chemistry and Heterogeneity	30,000	0	30,000		0
1849	GOV	UT Southwestern Medical Center Dallas, TX	Development of a Fully Automated 3D Separation Platform for Deep Proteome Fractionation Application in Novel Drug Discovery Towards Detection of Low Abundance Targets of Small Molecules	30,000	0	30,000		0

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#	Code	Grantee	Description	Balance 8.31.2015	Total Approved	Total Paid	Cancel	Balance 8.31.2016
1906	GOV	UT Southwestern Medical Center Dallas, TX	Biochemical Characterization of Factors Regulating Subcellular Trafficking and Function of Membrane Adenylate/Guanylate Cyclases	0	195,000	97,500		97,500
1436	GOV	UT at Austin Austin, TX	Nano-Structured Materials for Chemistry	37,500	0	37,500		0
1541	GOV	Texas A&M University System IISC College Station, TX	Signal Peptide Interactions During Transport by the Bacterial Tat Machinery	30,000	0	30,000		0
1851	GOV	UT Southwestern Medical Center Dallas, TX	Structure and Function Relationship of microRNA Precursors	30,000	0	30,000		0
1636	PC	Rice University Houston, TX	Novel Single- and Few-Molecule Vibrational Spectroscopies	113,750	0	65,000		48,750
514	GOV	Texas A&M University College Station, TX	The Influence of Reduced Dimensionality, Disorder, and Interfaces on the Properties of Solids	113,750	0	65,000		48,750
1818	PC	Rice University Houston, TX	Multipolar Spin Orders in Correlated Electron Materials	0	240,000	100,000		140,000
1819	PC	Rice University Houston, TX	Total Synthesis of Bioactive Natural and Designed Molecules	0	330,000	137,500		192,500
1879	GOV	UT Southwestern Medical Center Dallas, TX	Expanding the Druggable Genome	97,500	0	65,000		32,500
1880	GOV	Texas A&M University College Station, TX	Synthetic Strategies for the Preparation of Supramolecular and Covalent Cage Structures Containing Carborene Moieties	113,750	0	65,000		48,750
1255	GOV	UT at Austin Austin, TX	Band Engineering for Topological Properties in Graphene Like Systems	50,000	0	50,000		0
1222	PC	Rice University Houston, TX	Theoretical Investigations of Chemical Properties of Nanostructures	0	330,000	137,500		192,500
1852	GOV	UT Southwestern Medical Center Dallas, TX	Structure and Function of a Novel Bacterial Regulator	30,000	0	30,000		0
1405	GOV	Texas A&M University College Station, TX	Fundamental Imaging Studies of Chemical Reactivity	0	195,000	81,250		113,750
1881	GOV	UT Southwestern Medical Center Dallas, TX	Dissecting Novel Mechanisms of Lung Cancer Pathogenesis	97,500	0	65,000		32,500
612	PC	Rice University Houston, TX	Chemical Mechanisms of Ligand Binding to Helix Proteins	75,000	0	75,000		0
1542	GOV	University of North Texas Denton, TX	Ground- and Excited-State Bonding Assortments in Luminescent Molecules and Corresponding Excitons	75,000	0	75,000		0
1792	PC	Rice University Houston, TX	Expanding the Protein Folding Landscape Towards Biomolecular Machines	192,500	0	110,000		82,500
1561	GOV	UT Southwestern Medical Center Dallas, TX	Elucidate the Biochemical Mechanism used by <i>Vibrio</i> VopQ to Induce Autophagy	120,000	0	80,000		40,000
1717	GOV	Texas A&M University College Station, TX	Highly Unsaturated Cationic Group 10 Transition Metal Pincer Complexes	192,500	0	110,000		82,500
1882	GOV	University of Houston Houston, TX	Metastable Liquid-Liquid Phase Transitions in Molecular Models of Tetrahedral Fluids	130,000	0	130,000		0
546	GOV	UT at El Paso El Paso, TX	SILOXYMETHYLAMINES Masked Amination Reagents for New Metal Ligands	160,000	0	160,000		0
1668	PC	Rice University Houston, TX	Physical Chemistry of Nanorods and Nanoplates	0	330,000	137,500		192,500
1257	GOV	UT Southwestern Medical Center Dallas, TX	Purine Salvage Pathways as Potential Drug Targets in <i>Trypanosoma brucei</i>	50,000	0	50,000		0
1523	GOV	Texas Tech University Lubbock, TX	New Methodologies for Accurate Quantum Calculations of the Dynamics of Atomic Nuclei	0	240,000	160,000		80,000

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1907	GOV	Texas A&M University College Station, TX	PCET-Triggered Metal-Ligand Cooperation for Aerobic Oxidation Catalysis	0	195,000	81,250		113,750
1279	PC	Baylor College of Medicine Houston, TX	X-ray Crystallographic Studies on Viruses and Viral Proteins	165,000	0	82,500		82,500
1669	PC	Rice University Houston, TX	Synthetic P-Wave Interaction in Ultracold Atoms	0	330,000	137,500		192,500
1883	GOV	UT at Austin Austin, TX	Exploring the Use of Cu(II) in ¹⁹ F Magnetic Resonance Contrast Agents for Imaging Biological Redox	97,500	0	65,000		32,500
581	PC	Baylor College of Medicine Houston, TX	Structure-Function Relationships in Proteins	97,500	0	48,750	48,750	0
1793	GOV	UT Southwestern Medical Center Dallas, TX	Fluorescent Sensors for Measuring Cholesterol in Live Cells	97,500	0	65,000		32,500
1258	GOV	UT at Austin Austin, TX	Molecular Microscopy in Space and in Time	37,500	0	37,500		0
1366	GOV	UT Southwestern Medical Center Dallas, TX	Structural Principles of Protein Robustness and Evolvability	165,000	0	110,000		55,000
840	GOV	Texas A&M University College Station, TX	Enzyme Reaction Mechanism	56,250	0	56,250		0
1612	GOV	UT Southwestern Medical Center Dallas, TX	Catalytic Synthesis and Application of Substituted Ynol Fibers	37,500	0	37,500		0
1051	GOV	UT at Austin Austin, TX	Relaxation Processes in Ultracold Atomic Mixtures and Dissociated Molecules	0	330,000	165,000		165,000
1691	GOV	UT at Austin Austin, TX	Multiscale Modeling of RNA 3D Structure	30,000	0	30,000		0
1884	GOV	Texas A&M University College Station, TX	Time and Space Resolved Chemical and Biological Reaction Intermediates	113,750	0	65,000		48,750
1908	GOV	UT Southwestern Medical Center Dallas, TX	Structure and Biochemistry of a Microtubule Regulatory Protein	0	195,000	97,500		97,500
1093	GOV	University of North Texas Denton, TX	Synthesis and Reactivity Studies of Polynuclear Clusters	75,000	0	75,000		0
1794	GOV	University of Houston Houston, TX	Physicochemical Factors Governing Protein Inhibition of Calcium Oxalate Monohydrate Crystallization	220,000	0	220,000		0
1304	GOV	UT Southwestern Medical Center Dallas, TX	NMR Methods to Study Membrane Proteins in Lipid Bilayers	0	330,000	165,000		165,000
1885	GOV	UT at Austin Austin, TX	Mapping Singlet Exciton Fission and Energy Transport Pathways in Perylene Dioxide Thin Films and Crystals with Femtosecond Time-Resolved Spectroscopy	97,500	0	65,000		32,500
1225	GOV	UT at Austin Austin, TX	Mechanism of Methyl Transfer by Methionine Synthase and Inhibitor Screening	37,500	0	0	37,500	0
1853	GOV	Texas A&M University College Station, TX	The Origin of Chemical Elements in the Universe	45,000	0	45,000		0
1280	PC	Baylor University Houston, TX	Novel Strategies for b-Lactone Synthesis and Annulation to Impact Basic Cell Biology	192,500	0	110,000		82,500
1822	GOV	UT at Austin Austin, TX	Earth Abundant Metal Catalysts for Energy-Related Chemical Transformations	0	240,000	120,000		120,000
1544	GOV	UT Southwestern Medical Center Dallas, TX	2D Phase Separated Protein Polymers Composition, Dynamics and Lipid Interactions	50,000	0	50,000		0
1770	GOV	UT Southwestern Medical Center Dallas, TX	Structural Studies of Active and Inactive Conformations of G Protein-Coupled Receptors	30,000	0	30,000		0

#	Code	Grantee	Description	Balance 8/31/2015	Total Approved	Total Paid	Canceled	Balance 8/31/2016
1526	GOV	Texas A&M University College Station, TX	Magnetic, Electronic and Dynamical Behavior of New Semiconducting Materials	0	195,000	81,250		113,750
		UT at Austin						
1563	GOV	Austin, TX	Investigation of RNA Misfolding during Transcription	97,500	0	65,000		32,500
		UT Southwestern Medical Center	Dissecting Dynamism-Specific Regulation of Clathrin Mediated					
1823	GOV	Dallas, TX	Indoctrination	0	330,000	165,000		165,000
		Texas A&M University	Optical Studies of Ultra Cold Molecular Ions Using Femtosecond and XUV					
1546	GOV	College Station, TX	Laser Radiation	56,250	0	56,250		0
		Texas A&M University						
1261	GOV	College Station, TX	Quantum Coherence Effects in Chemical and Laser Physics	75,000	0	75,000		0
		Texas A&M University	Development of Cross-Chiral Nucleic Acid Biosensors for Detection of RNA					
1909	GOV	College Station, TX	Structure	0	195,000	81,250		113,750
		UT Southwestern Medical Center	Biochemical and Structural Analysis of Golgi-Based Spindle Assembly					
1910	GOV	Dallas, TX	Activities	0	195,000	97,500		97,500
		Rice University	Synthesis and Characterization of Bio-Inspired Nanoparticles with Autophagy-					
1824	PC	Houston, TX	Modulating Properties	0	240,000	100,000		140,000
		UT HSC at San Antonio						
764	GOV	San Antonio, TX	Structural Chemistry of Viruses	30,000	0	30,000		0
		UT at Austin						
1018	GOV	Austin, TX	Molecular Recognition and Self-Assembly via Antion Binding	165,000	0	0	165,000	0
		Texas A&M University						
1795	GOV	College Station, TX	Biochemical and Regulatory Constituents of Immune Sensors	140,000	0	80,000		60,000
		Baylor University	Asparagine Deamidation in Motor Neurons. A Molecular Clock or a Ticking					
1854	PC	Houston, TX	Time Bomb?	45,000	0	45,000		0
		UT at Austin	Laser-Mediated Imprinting of Biomaterials for Real-Time Control of Cellular					
1331	GOV	Austin, TX	Environments	30,000	0	30,000		0
		Texas A&M University						
1886	GOV	College Station, TX	Hot Carrier Up-Conversion Luminescence in Nanocrystal Heterostructures	113,750	0	65,000		48,750
		UT at Dallas						
584	GOV	Richardson, TX	Lanthanide-Based CEST Agents for Molecular Imaging	75,000	0	75,000		0
		UT M. D. Anderson Cancer Center	Molecular Mechanisms of TARD1B P11D Fingers in Recognition of Histone					
1719	GOV	Houston, TX	Methylation	97,500	0	48,750		48,750
		UT at Austin						
1672	GOV	Austin, TX	Tailoring Electronic and Excitonic Structures of 2D Materials	0	240,000	120,000		120,000
		Rice University	Theoretical Studies of Electronic Dynamics in Carbon-Based and Related Low					
1411	PC	Houston, TX	Dimensional Structures	0	330,000	137,500		192,500
		UT Southwestern Medical Center	Smart, Linear-Dendritic Block Copolymers to Increase siRNA Release in					
1855	GOV	Dallas, TX	Response to pH	30,000	0	30,000		0
		Texas A&M University						
1547	GOV	College Station, TX	Applications of Molecular Coherence in Ultrafast Optics	75,000	0	75,000		0
		Texas A&M University						
1639	GOV	College Station, TX	Dark Exciton in the Energy Transfer Process of Semiconductor Nanocrystals	113,750	0	65,000		48,750
		Baylor College of Medicine	Biochemical Studies of Pathways and Compounds that Modulate Lomere					
1673	PC	Houston, TX	Length	0	240,000	100,000		140,000
		UT at Austin						
1283	GOV	Austin, TX	Studies in Quantum Chemistry	165,000	0	110,000		55,000
		UT at Dallas	Semiconducting Block Copolymers Capable of Actuated Changes of Opto-					
1740	GOV	Richardson, TX	Electronic Properties	0	240,000	160,000		80,000
		University of Houston						
1070	GOV	Houston, TX	Direct Phasing in Macromolecular Crystallography	60,000	0	60,000		0

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1836	PC	Rice University Houston, TX	Characterizing the Ligand Binding Properties of Bacterial Sensor Histidine Kinases from the Human Gut	45,000	0	45,000		0
1911	GOV	UT Southwestern Medical Center Dallas, TX	Novel Bacterial Spore Coat Protein Kinases	0	195,000	97,500		97,500
1748	GOV	UT Southwestern Medical Center Dallas, TX	Stereoselective Transformations of Dienes	0	240,000	120,000		120,000
1565	PC	Rice University Houston, TX	Catalytic Mechanism of Astrovirus RNA Replication	140,000	0	80,000		60,000
1887	GOV	University of Houston Houston, TX	Fine Tuning of Molecular Catalysts and Photosensitizers via Synthetic Allostery	130,000	0	130,000		0
1749	GOV	UT Southwestern Medical Center Dallas, TX	Chemistry and Enzymology of MICAL Family Oxidoreductases	0	195,000	97,500		97,500
1825	PC	Rice University Houston, TX	Managing Photons and Charge Carriers for Photocatalysis	0	195,000	81,250		113,750
621	GOV	University of Houston Houston, TX	6-5 Chelators: A New Paradigm in Polypyridine Chemistry	75,000	0	75,000		0
1146	GOV	University of Houston Houston, TX	Study of Superconductivity and Related Subjects in Strongly Correlated Electron Systems	220,000	0	220,000		0
586	PC	Rice University Houston, TX	Application of Mid-Infrared Quantum Cascade and Diode Lasers to High-Precision Atmospheric Trace Gas Monitoring	140,000	0	80,000		60,000
1772	GOV	UT at San Antonio San Antonio, TX	Fundamental Coordination Chemistry of Biologically Relevant Small Molecules	60,000	0	60,000		0
1696	GOV	UT at Austin Austin, TX	Liquids Near Interfaces: Single-Molecule and Collective Dynamics	37,500	0	37,500		0
1530	PC	Baylor College of Medicine Houston, TX	Structural and Mechanistic Studies of ATP-Driven Protein Machines	0	240,000	100,000		140,000
1797	GOV	UT Southwestern Medical Center Dallas, TX	Selective Regulation of Autophagy by Metabolic State	165,000	0	110,000		55,000
1640	PC	Trinity University San Antonio, TX	Multivalent Cucurbit[7]urils for High-Affinity Reversible Binding	0	240,000	100,000		140,000
1720	GOV	UT Southwestern Medical Center Dallas, TX	Biochemical Mechanisms of the Glucose Sensing and Regulation of ChREBP Activity	97,500	0	65,000		32,500
1888	PC	Rice University Houston, TX	Charge Separation in Well-Defined Donor-Acceptor Block Copolymer Interfaces	113,750	0	65,000		48,750
1889	GOV	UT Medical Branch at Galveston Galveston, TX	Cryo-EM Analysis of the Integrator Complex	97,500	10,446	59,196		48,750
1751	GOV	UT Southwestern Medical Center Dallas, TX	Biochemical Characterization of How Maternal Milk Impacts Oilspring Epigenome and Metabolism	0	240,000	120,000		120,000
1912	PC	Baylor College of Medicine Houston, TX	Chemical Imaging of Glutathione Spatiotemporal Dynamics During Aging	0	195,000	81,250		113,750
1826	PC	Baylor College of Medicine Houston, TX	Chemical Mechanisms of Muscle Contraction and Regulation	0	240,000	100,000		140,000
1721	GOV	University of Houston Houston, TX	The Kinetics and Conformational Changes During Peptidyl Transferase Reaction in Single Ribosome	130,000	0	130,000		0
1827	GOV	UT Southwestern Medical Center Dallas, TX	Regulation of Necroptosis by Casein Kinase 1 δ	0	195,000	97,500		97,500
1828	GOV	Texas A&M University College Station, TX	Stuptomycetes salubachin: A Rich Treasure Trove of Unique Biosynthetic Reactions	0	195,000	81,250		113,750
1722	GOV	UT at Austin Austin, TX	The Physical Chemistry of Biological Interfaces	97,500	0	65,000		32,500

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#	Code	Grantee	Description	Balance 8/31/2015	Total Approved	Total Paid	Cancel	Balance 8/31/2016
807	PC	Rice University Houston, TX	Photostudies of Carbon Nanostructures	140,000	0	80,000		60,000
1829	GOV	UT Southwestern Medical Center Dallas, TX	Development of Covalent IAK1 Inhibitors	0	195,000	97,500		97,500
1775	GOV	Texas A&M University College Station, TX	Harnessing the Power of Non-Covalent Interactions for Organocatalysis	45,000	0	45,000		0
1857	GOV	UT at San Antonio San Antonio, TX	Clusters as Molecular Surfaces: Modification of Selected Noble-Metal Nanoparticles	60,000	0	60,000		0
1334	GOV	UT at Austin Austin, TX	Structure-Function Relationships in Enzymes	37,500	0	37,500		0
1830	GOV	UT at Austin Austin, TX	Programmed Self-Assembly of Nanostructures	0	240,000	120,000		120,000
627	PC	Rice University Houston, TX	Carbon Nanocapsules for Advanced Imaging Applications	56,250	0	56,250		0
1858	GOV	UT Southwestern Medical Center Dallas, TX	Metabolism of Salmonella Typhimurium in the Inflamed Gut	30,000	0	30,000		0
1859	GOV	UT at Austin Austin, TX	Regulation of Gene Expression Through Chemical Modifications of RNA	30,000	0	30,000		0
1615	GOV	UT at San Antonio San Antonio, TX	Tri and Multi Metallic Nanoparticles: A Novel Approach to Control Shape, Size, Structure and Properties of Nanoparticles	60,000	0	60,000		0
1590	PC	Rice University Houston, TX	Science of Neutly-1D Materials: From Nanotubes to Nanowires and Grain Boundaries	0	240,000	100,000		140,000
1831	GOV	UT Southwestern Medical Center Dallas, TX	A Monogenic Immune Disorder Associated with Oligosaccharyltransferase Dysregulation	0	195,000	97,500		97,500
1860	GOV	University of Houston Houston, TX	Ultrafast Structural Dynamics of Molecular Assemblies at Interfaces	60,000	0	60,000		0
1832	GOV	UT Southwestern Medical Center Dallas, TX	Biochemical Characterization of the Fatty Acid-UAS Domain Interaction	0	195,000	97,500		97,500
770	GOV	Texas A&M University College Station, TX	Developments and Studies using Several Complex Scaled Multiconfigurational Methods for Electron Atom/Molecule Resonances	113,750	0	65,000		48,750
1833	GOV	UT at Austin Austin, TX	NanoCluster Beacons for Highly Specific DNA Methylation Detection	0	195,000	97,500		97,500
1266	GOV	Texas A&M University College Station, TX	The Equation of State for a Two-Component Nuclear System	56,250	0	56,250		0
1616	GOV	University of Houston Houston, TX	Structural Studies of Novel Lipoproteins	75,000	0	75,000		0
1861	GOV	UT at Austin Austin, TX	Probing the Charge Storage Mechanisms of Molecularly-Assembled Two-Dimensional Nanochalcogenides	30,000	0	30,000		0
1441	GOV	UT Southwestern Medical Center Dallas, TX	Biochemical and Structural Analysis of Sister-Chromatid Cohesion	50,000	0	50,000		0
1800	GOV	UT Southwestern Medical Center Dallas, TX	Large-Scale Isolation and Identification of Poly-ADP-Ribosylated Proteins	120,000	0	80,000		40,000
1617	GOV	UT at Dallas Richardson, TX	Electrochemically Tuned Solar Cell Fibers Based on Organic-Inorganic Perovskites	75,000	0	75,000		0
1834	GOV	UT Southwestern Medical Center Dallas, TX	Identification of Potential Therapeutic Compounds for Hematopoietic Regeneration	0	195,000	97,500		97,500
1724	GOV	UT Southwestern Medical Center Dallas, TX	Biochemical Regulation of the Orphan Nuclear Receptor TLX	120,000	0	80,000		40,000
1862	PC	Rice University Houston, TX	Native Characterization of DNA and RNA Structure Thermodynamics	45,000	0	45,000		0

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1863	GOV	Texas A&M University College Station, TX	The Structural Basis of Ribosomal Silencing in Tuberculosis	45,000	0	45,000		0
1417	GOV	Texas A&M University College Station, TX	Chemical Kinetics and Mechanism of Hydrocarbon Oxidation Reactions	0	240,000	100,000		140,000
1702	GOV	UT Southwestern Medical Center Dallas, TX	Structural Basis for the Interaction between Class B Plexins and PDZ- RhoGTPase/ARG	30,000	0	30,000		0
1778	GOV	UT at Austin Austin, TX	Chemical Sensors to Determine Proline Isomeric Specificity of RNA Polymerase II	30,000	0	30,000		0
1593	GOV	UT at San Antonio San Antonio, TX	Expeditions Modification of Organocatalytic Structures for Improved Stereoselectivities	0	330,000	220,000		110,000
1801	GOV	Texas A&M University College Station, TX	Optical Detection of Ultraviolet Electron Dynamics and Electron-Initiated Chemical Processes	192,500	0	110,000		82,500
1864	GOV	UT Southwestern Medical Center Dallas, TX	Regulation of the Class III PI3K by Nutrient-Sensing Kinases in Autophagy	30,000	0	30,000		0
1913	GOV	Texas A&M University System IISC College Station, TX	Optical Rewiring of Epigenetic Landscapes to Reprogram Cell Fate	0	195,000	81,250		113,750
0001	GOV	Midwestern State Univ	Chemistry Department Grant	0	30,000	30,000		0
0002	GOV	Prairie View A&M Univ	Chemistry Department Grant	0	120,000	40,000		80,000
0003	PC	Texas Wesleyan Univ	Chemistry Department Grant	0	30,000	30,000		0
0004	GOV	Lamar Univ	Chemistry Department Grant	0	70,000	35,000		35,000
0005	PC	Southwestern Univ	Chemistry Department Grant	0	80,000	40,000		40,000
0006	GOV	Texas A&M Univ -Kingsville	Chemistry Department Grant	0	60,000	30,000		30,000
0007	PC	Austin College	Chemistry Department Grant	0	120,000	40,000		80,000
0008	GOV	Stephen F. Austin State Univ	Chemistry Department Grant	0	120,000	40,000		80,000
0010	PC	Huston-Tillotson Univ	Chemistry Department Grant	0	30,000	15,000		15,000
0011	GOV	Sam Houston State Univ	Chemistry Department Grant	0	80,000	40,000		40,000
0012	GOV	Tarleton State Univ.	Chemistry Department Grant	0	30,000	30,000		0
0013	GOV	UT of the Permian Basin	Chemistry Department Grant	0	25,000	25,000		0
0014	GOV	Texas A&M Univ -Commerce	Chemistry Department Grant	0	50,000	25,000		25,000
0015	PC	Univ. Of Dallas	Chemistry Department Grant	0	60,000	30,000		30,000
0016	PC	Houston Baptist Univ	Chemistry Department Grant	0	105,000	35,000		70,000
0018	PC	St. Edward's Univ.	Chemistry Department Grant	0	105,000	35,000		70,000
0019	PC	Texas Lutheran Univ	Chemistry Department Grant	0	75,000	25,000		50,000
0020	GOV	Texas Woman's Univ	Chemistry Department Grant	0	105,000	35,000		70,000
0021	PC	Abilene Christian Univ	Chemistry Department Grant	0	40,000	40,000		0
0022	GOV	Univ. of Houston-Clear Lake	Chemistry Department Grant	0	35,000	35,000		0
0024	PC	Univ. of St. Thomas	Chemistry Department Grant	0	70,000	35,000		35,000
0025	GOV	West Texas A&M Univ	Chemistry Department Grant	0	60,000	30,000		30,000
0027	GOV	Univ. of Houston-Downtown	Chemistry Department Grant	0	80,000	40,000		40,000
0028	PC	Le Touneau Univ	Chemistry Department Grant	0	75,000	25,000		50,000
0029	GOV	Angelo State Univ	Chemistry Department Grant	0	30,000	30,000		0
0030	PC	Jarvis Christian College	Chemistry Department Grant	0	20,000	20,000		0
0031	PC	Trinity Univ.	Chemistry Department Grant	0	80,000	40,000		40,000
0032	PC	Univ. of the Incarnate Word	Chemistry Department Grant	0	80,000	40,000		40,000
0033	PC	Univ. of Mary Hardin-Baylor	Chemistry Department Grant	0	60,000	30,000		30,000
0034	PC	Schreiner University	Chemistry Department Grant	0	75,000	25,000		50,000
0035	PC	Hardin-Simmons	Chemistry Department Grant	0	20,000	20,000		0
0036	PC	McMurry University	Chemistry Department Grant	0	25,000	25,000		0
0037	GOV	UT at Tyler	Chemistry Department Grant	0	35,000	35,000		0

The Robert A. Welch Foundation

Taxpayer's ID 76-0343128
Schedule 9

#	Code	Grantee	Description	Balance 8.31.2015	Total Approved	Total Paid	Cancel	Balance 8.31.2016
0041	GOV	TAMU Univ.-Corpus Christi	Chemistry Department Grant	0	120,000	40,000		80,000
0042	PC	Our Lady of the Lake University	Chemistry Department Grant	0	45,000	15,000		30,000
0043	PC	Lubbock Christian Univ	Chemistry Department Grant	0	20,000	20,000		0
		Wayland Baptist Univ						
0044	PC		Chemistry Department Grant	0	25,000	25,000		0
0047	PC	St. Mary's University	Chemistry Department Grant	0	30,000	30,000		0
0048	GOV	UT-Rio Grande Valley	Chemistry Department Grant	0	120,000	40,000		80,000
0052	I	Conference	The Welch Foundation Conference on Chemical Research	0	512,326	512,326		0
0036	I	Hackerman Award	Norman Hackerman Award in Chemical Research	0	325,514	325,514		0
0527	I	Welch Award	The Welch Foundation Award in Chemistry	0	885,730	885,730		0
				0				0
127	SO III FI	Texas Intercollegiate League Foundation						
			Undergraduate Scholarships	502,250	840,000	211,750	80,500	1,050,000
0001	GOV	UT at Austin	Welch Summer Scholar Program	134,000		134,000		0
0029	PC	Rice University	Texas Academy of Science, Engineering and Medicine	0	25,000	25,000		0
0042	PC	Baylor College of Medicine Houston, TX	Innovation in DNA-Encoded Chemistry to Discover Next-Generation Drugs in Center for Drug Discovery (CDD)	1,300,000		1,300,000		0
Total				20,726,250	32,592,857	31,964,428	877,179	20,477,500
			Approved and paid current year		15,984,533			
			Approved for future payment		16,608,324			

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
U St. Mary's University	One Camino Santa Maria	San Antonio, TX 78228
AN Stephen F Austin State University	SFA Station, Box 6078	Nacogdoches, TX 75962-6078
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
AI Texas State University-San Marcos	601 University Drive, JCK 489	San Marcos, TX 78666
D Texas Tech University	Box 42005	Lubbock, TX 79409-2005
BI Texas Tech University Health Sciences Center	3601 4th Street, STOP 6258	Lubbock, TX 79430
AZ Texas Wesleyan University	1201 Wesleyan Street	Fort Worth, TX 76105-1536
M Texas Woman's University	P O Box 425587	Denton, TX 76204-5587
BG The University of Texas - Pan American	1201 West University Drive, AB329	Edinburg, TX 78541-2999
Y The University of Texas at Arlington	701 South Nedderman Drive	Arlington, TX 76019-0125
F The University of Texas at Austin	Main Building 302, MC G1400	Austin, TX 78712-1111
BQ The University of Texas at Brownsville	80 Fort Brown	Brownsville, TX 78520
AT The University of Texas at Dallas	P O Box 830688	Richardson, TX 75083-0688
AH The University of Texas at El Paso	500 West University Avenue	El Paso, TX 79968-0500
AX The University of Texas at San Antonio	6900 N Loop 1604 West	San Antonio, TX 78249
BP The University of Texas at Tyler	3900 University Boulevard	Tyler, TX 75799
AU The University of Texas HSC at Houston	P O. Box 20036	Houston, TX 77225-0036
AQ The University of Texas HSC at San Antonio	7703 Floyd Curl Drive, MSC 7834	San Antonio, TX 78229-3900
G The University of Texas M. D Anderson Cancer Center	1515 Holcombe Blvd , Unit 541	Houston, TX 77030-4009
AW The University of Texas of The Permian Basin	4901 E University	Odessa, TX 79762-8301
I The University of Texas Southwestern Medical Center	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
BK University of North Texas HSC	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

NOTE: The Robert A. Welch Foundation has no relationship to report with the listed donees