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Return of Private Foundation

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

OMB No 1545-0052

2015

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

Do not enter social security numbers on this form as it may be made public.
Information about Form 990-PF and its separate instructions is at www.irs.gov/form990pf.

For calendar year 2015 or tax year beginning

, and ending

Name of foundation
RESEARCH CORPORATION DBA RESEARCH CORPORATION FOR SCIENCE ADVANCEMENT

Number and street (or P.O. box number if mail is not delivered to street address) Room/suite
4703 EAST CAMP LOWELL DRIVE 201

City or town, state or province, country, and ZIP or foreign postal code
TUCSON, AZ 85712

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

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

I Fair market value of all assets at end of year (from Part II, col. (c), line 16) **\$ 150,000,395.** (Part I, column (d) must be on cash basis.)

J Accounting method: ☐ Cash ☒ Accrual
☐ Other (specify) _____

A Employer identification number
13-1963407

B Telephone number
520-571-1111

C If exemption application is pending, check here ☐

D 1. Foreign organizations, check here ☐
2. Foreign organizations meeting the 65% test, check here and attach computation ☐

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

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

Part I Analysis of Revenue and Expenses (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a))		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
1	Contributions, gifts, grants, etc., received				
2	Check ☒ if the foundation is not required to attach Sch. B				
3	Interest on savings and temporary cash investments				
4	Dividends and interest from securities	5,826,542.	5,826,542.	5,826,542.	STATEMENT 1
5a	Gross rents	-31,497.	-31,497.	-31,497.	STATEMENT 2
b	Net rental income or (loss)	-31,497.			
6a	Net gain or (loss) from sale of assets not on line 10	11,249,127.			
b	Gross sales price for all assets on line 6a	18,323,135.			
7	Capital gain net income (from Part IV, line 2)		11,249,127.		
8	Net short-term capital gain			1,004,913.	
9	Income modifications				
10a	Gross sales, less returns and allowances				
b	Less: Cost of goods sold				
c	Gross profit or (loss)				
11	Other income	-284,960.	-253,814.	-284,960.	STATEMENT 3
12	Total. Add lines 1 through 11	16,759,212.	16,790,358.	6,514,998.	
13	Compensation of officers, directors, trustees, etc.	779,169.	144,000.	0.	635,169.
14	Other employee salaries and wages	730,997.	10,200.	0.	720,797.
15	Pension plans, employee benefits	213,179.	14,660.	0.	198,519.
16a	Legal fees STMT 4	2,134.	0.	0.	2,134.
b	Accounting fees STMT 5	44,684.	22,342.	0.	22,342.
c	Other professional fees STMT 6	806,436.	707,918.	0.	98,518.
17	Interest				
18	Taxes STMT 7	42,337.	0.	0.	0.
19	Depreciation and depletion	5,271.	0.	0.	
20	Occupancy	240,548.	15,156.	0.	225,392.
21	Travel, conferences, and meetings	549,483.	3,561.	0.	545,922.
22	Printing and publications	36,084.	0.	0.	36,084.
23	Other expenses STMT 8	296,204.	3,552.	0.	438,303.
24	Total operating and administrative expenses. Add lines 13 through 23	3,746,526.	921,389.	0.	2,923,180.
25	Contributions, gifts, grants paid	3,496,672.			3,488,039.
26	Total expenses and disbursements. Add lines 24 and 25	7,243,198.	921,389.	0.	6,411,219.
27	Subtract line 26 from line 12:				
a	Excess of revenue over expenses and disbursements	9,516,014.			
b	Net investment income (if negative, enter -0-)		15,868,969.		
c	Adjusted net income (if negative, enter -0-)			6,514,998.	

**RESEARCH CORPORATION DBA RESEARCH
CORPORATION FOR SCIENCE ADVANCEMENT**

Part II Balance Sheets Attached schedules and amounts in the description column should be for end-of-year amounts only		Beginning of year	End of year	
		(a) Book Value	(b) Book Value	(c) Fair Market Value
Assets	1 Cash - non-interest-bearing	1,957,379.	2,207,044.	2,207,044.
	2 Savings and temporary cash investments			
	3 Accounts receivable ▶			
	Less: allowance for doubtful accounts ▶			
	4 Pledges receivable ▶			
	Less: allowance for doubtful accounts ▶			
	5 Grants receivable			
	6 Receivables due from officers, directors, trustees, and other disqualified persons			
	7 Other notes and loans receivable ▶ 1,664,500.			
	Less: allowance for doubtful accounts ▶ 0.	1,664,500.	1,664,500.	1,664,500.
	8 Inventories for sale or use			
	9 Prepaid expenses and deferred charges			
	10a Investments - U.S. and state government obligations			
	b Investments - corporate stock STMT 9	78,963,437.	82,881,236.	82,881,236.
	c Investments - corporate bonds			
	Liabilities	11 Investments - land, buildings, and equipment basis ▶		
Less: accumulated depreciation ▶				
12 Investments - mortgage loans				
13 Investments - other STMT 10		74,645,706.	62,940,775.	62,940,775.
14 Land, buildings, and equipment: basis ▶ 838,923.				
Less: accumulated depreciation ▶ 781,754.		41,644.	57,169.	57,169.
15 Other assets (describe ▶ STATEMENT 11)		316,884.	249,671.	249,671.
16 Total assets (to be completed by all filers - see the instructions. Also, see page 1, item 1)		157,589,550.	150,000,395.	150,000,395.
17 Accounts payable and accrued expenses		60,463.	69,875.	
18 Grants payable		1,192,576.	1,250,569.	
Net Assets or Fund Balances	19 Deferred revenue			
	20 Loans from officers, directors, trustees, and other disqualified persons			
	21 Mortgages and other notes payable			
	22 Other liabilities (describe ▶ STATEMENT 12)	2,289,856.	2,134,791.	
23 Total liabilities (add lines 17 through 22)	3,542,895.	3,455,235.		
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here ☒ X and complete lines 24 through 26 and lines 30 and 31.			
	24 Unrestricted	154,046,655.	146,545,160.	
	25 Temporarily restricted			
	26 Permanently restricted			
	Foundations that do not follow SFAS 117, check here ☐ and complete lines 27 through 31			
	27 Capital stock, trust principal, or current funds			
	28 Paid-in or capital surplus, or land, bldg., and equipment fund			
	29 Retained earnings, accumulated income, endowment, or other funds			
30 Total net assets or fund balances	154,046,655.	146,545,160.		
31 Total liabilities and net assets/fund balances	157,589,550.	150,000,395.		

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	154,046,655.
2 Enter amount from Part I, line 27a	2	9,516,014.
3 Other increases not included in line 2 (itemize) ▶	3	0.
4 Add lines 1, 2, and 3	4	163,562,669.
5 Decreases not included in line 2 (itemize) ▶ BOOK/TAX DIFFERENCE FROM INVESTMENTS	5	17,017,509.
6 Total net assets or fund balances at end of year (line 4 minus line 5) - Part II, column (b), line 30	6	146,545,160.

RESEARCH CORPORATION DBA RESEARCH
CORPORATION FOR SCIENCE ADVANCEMENT**Part IV Capital Gains and Losses for Tax on Investment Income**

(a) List and describe the kind(s) of property sold (e.g., real estate, 2-story brick warehouse; or common stock, 200 shs. MLC Co.)	(b) How acquired P - Purchase D - Donation	(c) Date acquired (mo., day, yr.)	(d) Date sold (mo., day, yr.)
1a			
b SEE ATTACHED STATEMENTS			
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 18,323,135.		7,074,008.	11,249,127.

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

(i) F.M.V. as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col. (i) over col. (j), if any	(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col. (h))
a			
b			
c			
d			
e			11,249,127.

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	11,249,127.
3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6): If gain, also enter in Part I, line 8, column (c). If (loss), enter -0- in Part I, line 8	}	3	1,004,913.

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.)

N/A

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

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period?

☐ Yes ☐ No

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

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

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col. (b) divided by col. (c))
2014			
2013			
2012			
2011			
2010			

2 Total of line 1, column (d)	2
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
4 Enter the net value of noncharitable-use assets for 2015 from Part X, line 5	4
5 Multiply line 4 by line 3	5
6 Enter 1% of net investment income (1% of Part I, line 27b)	6
7 Add lines 5 and 6	7
8 Enter qualifying distributions from Part XII, line 4	8

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.

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CORPORATION FOR SCIENCE ADVANCEMENT

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

1a	Exempt operating foundations described in section 4940(d)(2), check here ☒ and enter "N/A" on line 1. Date of ruling or determination letter: <u>06/25/87</u> (attach copy of letter if necessary-see instructions)	1	N/A
b	Domestic foundations that meet the section 4940(e) requirements in Part V, check here ☐ and enter 1% of Part I, line 27b	2	
c	All other domestic foundations enter 2% of line 27b. Exempt foreign organizations enter 4% of Part I, line 12, col. (b).	3	
2	Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)	4	
3	Add lines 1 and 2	5	0.
4	Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)	6a	
5	Tax based on investment income. Subtract line 4 from line 3. If zero or less, enter -0-	6b	
6	Credits/Payments:	6c	
a	2015 estimated tax payments and 2014 overpayment credited to 2015	6d	
b	Exempt foreign organizations - tax withheld at source	7	0.
c	Tax paid with application for extension of time to file (Form 8868)	8	
d	Backup withholding erroneously withheld	9	0.
7	Total credits and payments. Add lines 6a through 6d	10	
8	Enter any penalty for underpayment of estimated tax. Check here ☐ if Form 2220 is attached	11	
9	Tax due. If the total of lines 5 and 8 is more than line 7, enter amount owed		
10	Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid		
11	Enter the amount of line 10 to be: Credited to 2016 estimated tax ☐ Refunded ☐		

Part VII-A Statements Regarding Activities

	Yes	No
1a During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign?		X
1b Did it spend more than \$100 during the year (either directly or indirectly) for political purposes (see instructions for the definition)? If the answer is "Yes" to 1a or 1b, attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities.		X
1c Did the foundation file Form 1120-POL for this year?		X
d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year: (1) On the foundation. ☐ \$ 0. (2) On foundation managers. ☐ \$ 0.		
e Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers. ☐ \$ 0.		
2 Has the foundation engaged in any activities that have not previously been reported to the IRS? If "Yes," attach a detailed description of the activities.		X
3 Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? If "Yes," attach a conformed copy of the changes		X
4a Did the foundation have unrelated business gross income of \$1,000 or more during the year?	X	
b If "Yes," has it filed a tax return on Form 990-T for this year?	X	
5 Was there a liquidation, termination, dissolution, or substantial contraction during the year? If "Yes," attach the statement required by General Instruction T.		X
6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either: • By language in the governing instrument, or • By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?	X	
7 Did the foundation have at least \$5,000 in assets at any time during the year? If "Yes," complete Part II, col (c), and Part XV	X	
8a Enter the states to which the foundation reports or with which it is registered (see instructions) ☐ <u>AL, AZ, CA, IA, MD, MN, NY, TX</u>		
b If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by General Instruction G? If "No," attach explanation		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)

	Yes	No
11 At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule (see instructions)		X
12 Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement (see instructions)		X
13 Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address ► <u>WWW.RESCORP.ORG</u>	X	
14 The books are in care of ► <u>DANIEL GASCH, CFO</u> Telephone no. ► <u>520-571-1111</u> Located at ► <u>4703 EAST CAMP LOWELL DRIVE, NO. 201, TUCSON, AZ</u> ZIP+4 ► <u>85712</u>		
15 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 - Check here and enter the amount of tax-exempt interest received or accrued during the year ► 15 N/A		
16 At any time during calendar year 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? See the instructions for exceptions and filing requirements for FinCEN Form 114. If "Yes," enter the name of the foreign country ►	Yes 16	No X

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

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

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

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

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

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

N/A

5b

Organizations relying on a current notice regarding disaster assistance check here

▶ ☐

c If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant?

N/A

☐ Yes ☐ No

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

6a Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?

☐ Yes ☒ No

6b

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

X

If "Yes" to 6b, file Form 8870.

7a At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction?

☐ Yes ☒ No

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

N/A

7b

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

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

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
SEE STATEMENT 14		622,794.	93,110.	59,200.

2 Compensation of five highest-paid employees (other than those included on line 1). If none, enter "NONE."

(a) Name and address of each employee paid more than \$50,000	(b) Title, and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
DR. RICHARD WIENER - 4703 E. CAMP LOWELL #201, TUCSON, AZ 85712	PROGRAM DIRECTOR 40.00	138,000.	30,750.	13,800.
DR. SILVIA RONCO - 4703 E. CAMP LOWELL #201, TUCSON, AZ 85712	PROGRAM DIRECTOR 40.00	138,000.	28,840.	13,800.
MS. GAIL CRAIG-JAGER - 4703 E. CAMP LOWELL #201, TUCSON, AZ 85712	FINANCIAL ADMINISTRATOR 40.00	102,000.	18,890.	10,200.
MR. DAN HUFF - 4703 E. CAMP LOWELL #201, TUCSON, AZ 85712	COMMUNICATIONS DIRECTOR 40.00	84,000.	19,410.	8,400.
MR. THOMAS GOODENOW - 4703 E. CAMP LOWELL #201, TUCSON, AZ 85712	IT DIRECTOR 40.00	73,500.	23,795.	7,350.

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

▶ 1

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

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
ANGELO, GORDON & CO. 245 PARK AVENUE, NEW YORK, NY 10167	INVESTMENT MANAGEMENT	333,706.
CAPITAL GUARDIAN TRUST CO. PO BOX 659518, SAN ANTONIO, TX 78265	INVESTMENT MANAGEMENT	213,223.
GALLERY OF FOOD PO BOX 2575, TUCSON, AZ 85702	CATERING	67,903.
DATASCOPE ANALYTICS, LLC 17 N. STATE ST. STE. 1250, CHICAGO, IL 60602	DATA ANALYSIS	61,000.
GODAT DESIGN, INC. 101 W. SIMPSON STREET, TUCSON, AZ 85701	GRAPHIC DESIGN	55,120.
Total number of others receiving over \$50,000 for professional services		0

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 SEE STATEMENT 15	2,685,569.
2 SEE STATEMENT 16	2,398,973.
3 SEE STATEMENT 17	739,568.
4 THE PRESIDENT SUPPORTS WORTHY MISSION-RELATED PROJECTS EACH YEAR AT HIS DISCRETION. 16 PROJECTS WERE FUNDED IN 2015 AT LEVELS RANGING FROM \$500 TO \$45,000 EACH.	349,446.

Part IX-B Summary of Program-Related Investments

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2.

	Amount
1 N/A	
2	
All other program-related investments. See instructions.	
3	
Total. Add lines 1 through 3	0.

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

1	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes:		
a	Average monthly fair market value of securities	1a	101,930,861.
b	Average of monthly cash balances	1b	2,374,183.
c	Fair market value of all other assets	1c	50,404,092.
d	Total (add lines 1a, b, and c)	1d	154,709,136.
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation)	1e	0.
2	Acquisition indebtedness applicable to line 1 assets	2	0.
3	Subtract line 2 from line 1d	3	154,709,136.
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)	4	2,320,637.
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5	152,388,499.
6	Minimum investment return. Enter 5% of line 5	6	7,619,425.

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

Part XII**Qualifying Distributions** (see instructions)

1	Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes:		
a	Expenses, contributions, gifts, etc. - total from Part I, column (d), line 26	1a	6,411,219.
b	Program-related investments - total from Part IX-B	1b	0.
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes	2	
3	Amounts set aside for specific charitable projects that satisfy the:		
a	Suitability test (prior IRS approval required)	3a	
b	Cash distribution test (attach the required schedule)	3b	
4	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4	4	6,411,219.
5	Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b	5	0.
6	Adjusted qualifying distributions. Subtract line 5 from line 4	6	6,411,219.

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)

N/A

	(a) Corpus	(b) Years prior to 2014	(c) 2014	(d) 2015
1 Distributable amount for 2015 from Part XI, line 7				
2 Undistributed income, if any, as of the end of 2015				
a Enter amount for 2014 only				
b Total for prior years:				
3 Excess distributions carryover, if any, to 2015:				
a From 2010				
b From 2011				
c From 2012				
d From 2013				
e From 2014				
f Total of lines 3a through e				
4 Qualifying distributions for 2015 from Part XII, line 4: ► \$				
a Applied to 2014, but not more than line 2a				
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				
e Remaining amount distributed out of corpus				
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				
b Prior years' undistributed income. Subtract line 4b from line 2b				
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				
e Undistributed income for 2014. Subtract line 4a from line 2a. Taxable amount - see instr.				
f Undistributed income for 2015. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2016				
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				
9 Excess distributions carryover to 2016. Subtract lines 7 and 8 from line 6a				
10 Analysis of line 9:				
a Excess from 2011				
b Excess from 2012				
c Excess from 2013				
d Excess from 2014				
e Excess from 2015				

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

- 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

06/25/87

- b** Check box to indicate whether the foundation is a private operating foundation described in section

☒ 4942(j)(3) or ☐ 4942(j)(5)

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

Tax year	Prior 3 years			(e) Total
(a) 2015	(b) 2014	(c) 2013	(d) 2012	

6,514,998. 6,692,336. 7,916,535. 7,226,181. 28,350,050.

- b** 85% of line 2a

5,537,748. 5,688,486. 6,729,055. 6,142,254. 24,097,543.

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

6,411,219. 7,493,824. 8,056,240. 8,554,535. 30,515,818.

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

44,627. 52,435. 0. 0. 97,062.

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

6,366,592. 7,441,389. 8,056,240. 8,554,535. 30,418,756.

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

- a** "Assets" alternative test - enter:

- (1) Value of all assets

150,000,395. 157,589,550. 160,741,837. 146,724,496. 615,056,278.

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

0.

- b** "Endowment" alternative test - enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed

5,079,617. 5,229,595. 5,277,690. 4,817,454. 20,404,356.

- 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)

0.

- (2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii)

0.

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

0.

- (4) Gross investment income

0.

Part XV Supplementary Information (Complete this part only if the foundation had \$5,000 or more in assets at any time during the year-see instructions.)

- 1 Information Regarding Foundation Managers:**

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

NONE

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

NONE

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

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

- a** The name, address, and telephone number or e-mail address of the person to whom applications should be addressed:

DANIEL GASCH, 520-571-1111

4703 E. CAMP LOWELL, SUITE 201, TUCSON, AZ 85712

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

- c** Any submission deadlines:

NONE

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

INDIVIDUALS PERFORMING SCIENTIFIC RESEARCH AT ACADEMIC INSTITUTIONS OF ALL LEVELS.

RESEARCH CORPORATION DBA RESEARCH
CORPORATION FOR SCIENCE ADVANCEMENT

Part XV Supplementary Information (continued)

3 Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a Paid during the year				
SEE ATTACHED STATEMENT				3,488,039.
Total			▶ 3a	3,488,039.
b Approved for future payment				
SEE ATTACHED STATEMENT				1,250,569.
Total			▶ 3b	1,250,569.

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
	(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						
4 Dividends and interest from securities			14	5,826,542.		
5 Net rental income or (loss) from real estate:						
a Debt-financed property						
b Not debt-financed property			16	-31,497.		
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	11,249,127.		
9 Net income or (loss) from special events						
10 Gross profit or (loss) from sales of inventory						
11 Other revenue:						
a OTHER INCOME (LOSS) FROM						
b K-1S	900099	-31,146.	14	-254,015.		
c OTHER MISC. INCOME	900099		15	201.		
d _____						
e _____						
12 Subtotal. Add columns (b), (d), and (e)		-31,146.		16,790,358.		0.
13 Total. Add line 12, columns (b), (d), and (e)						16,759,212.

(See worksheet in line 13 instructions to verify calculations.)

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

[illegible]

Part XVII

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

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

[illegible]

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

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

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

**Sign
Here**

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

May the IRS discuss this return with the preparer shown below (see instr)?

☒ Yes ☐ No

Signature of officer or trustee

Date _____

► CFO

Title

**Paid
Preparer
Use Only**

Print/Type preparer's name

KAREN K. MCCLOSKEY,
CPA

Preparer's signature

MAN PC

Date _____

11/09/16

Check ☐ if
self-employed

PTIN

P00099644

Firm's name ► BEACHFLEISCHMAN PC

Firm's EIN ► 86-0683059

Firm's address ► 1985 EAST RIVER ROAD, SUITE 201
TUCSON, AZ 85718

Phone no. 520-321-4600

Form **990-PF** (2015)

Part IV Capital Gains and Losses for Tax on Investment Income

(a) List and describe the kind(s) of property sold, e.g., real estate, 2-story brick warehouse; or common stock, 200 shs. MLC Co.		(b) How acquired P - Purchase D - Donation	(c) Date acquired (mo., day, yr.)	(d) Date sold (mo., day, yr.)
1a	AG CAPITAL RECOVERY PARTNERS VI	P		
b	AG CAPITAL RECOVERY PARTNERS VI	P		
c	AG CORE PLUS REALTY FUND LP	P		
d	AG OPPORTUNISTIC WHOLE LOAN FUND LP	P		
e	AG REALTY FUND IV LP	P		
f	AG REALTY FUND VI LP	P		
g	AG SUPER FUND LP	P		
h	AG SUPER FUND LP	P		
i	CAPITAL GUARDIAN TRUST	P		
j	CAPITAL GUARDIAN TRUST	P		
k	DODGE & COX	P		
l	DODGE & COX	P		
m	NORTHWOODS VII	P		
n	NORTHWOODS VIII	P		
o	VANGUARD	P		

(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 473.			473.
b 12,264.			12,264.
c 56,613.			56,613.
d 110,170.			110,170.
e		51.	-51.
f		2,852.	-2,852.
g		64,627.	-64,627.
h		32,730.	-32,730.
i 433,472.			433,472.
j 13,891,462.			13,891,462.
k 59,735.			59,735.
l 442,478.			442,478.
m 2,024,086.			2,024,086.
n 709,824.			709,824.
o 1,209.			1,209.

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

(i) F.M.V. as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col. (i) over col. (j), if any	(l) Losses (from col. (h)) Gains (excess of col. (h) gain over col. (k), but not less than "-0-")
a			** 473.
b			12,264.
c			56,613.
d			110,170.
e			-51.
f			-2,852.
g			** -64,627.
h			-32,730.
i			** 433,472.
j			13,891,462.
k			** 59,735.
l			442,478.
m			2,024,086.
n			709,824.
o			** 1,209.

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 }3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6):
If gain, also enter in Part I, line 8, column (c).
If (loss), enter "-0-" in Part I, line 8

Part IV Capital Gains and Losses for Tax on Investment Income

(a) List and describe the kind(s) of property sold, e.g., real estate, 2-story brick warehouse; or common stock, 200 shs. MLC Co.		(b) How acquired P - Purchase D - Donation	(c) Date acquired (mo., day, yr.)	(d) Date sold (mo., day, yr.)
1a	VANGUARD	P		
b	VANGUARD	P		
c	VANGUARD	P		
d	EMERGING MARKETS GROWTH FUND	P		
e				
f				
g				
h				
i				
j				
k				
l				
m				
n				
o				

(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 6,698.			6,698.
b 574,651.			574,651.
c		24,151.	-24,151.
d		6,949,597.	-6,949,597.
e			
f			
g			
h			
i			
j			
k			
l			
m			
n			
o			

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Losses (from col. (h)) Gains (excess of col. (h) gain over col. (k), but not less than "-0-")
(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			6,698.
b			** 574,651.
c			-24,151.
d			-6,949,597.
e			
f			
g			
h			
i			
j			
k			
l			
m			
n			
o			

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	11,249,127.
3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6): If gain, also enter in Part I, line 8, column (c). If (loss), enter "-0-" in Part I, line 8 }	3	1,004,913.

FORM 990-PF . DIVIDENDS AND INTEREST FROM SECURITIES STATEMENT 1

SOURCE	GROSS AMOUNT	CAPITAL GAINS DIVIDENDS	(A) REVENUE PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME
CAPITAL GUARDIAN	1,143,097.	0.	1,143,097.	1,143,097.	1,143,097.
DODGE & COX	411,505.	0.	411,505.	411,505.	411,505.
K-1 INVESMENTS	1,620,055.	0.	1,620,055.	1,620,055.	1,620,055.
PFIC INVESTMENTS	2,273,763.	0.	2,273,763.	2,273,763.	2,273,763.
VANGUARD	378,122.	0.	378,122.	378,122.	378,122.
TO PART I, LINE 4	5,826,542.	0.	5,826,542.	5,826,542.	5,826,542.

FORM 990-PF RENTAL INCOME STATEMENT 2

KIND AND LOCATION OF PROPERTY	ACTIVITY NUMBER	GROSS RENTAL INCOME
REAL ESTATE - AG REALTY FUND IV LP	1	-130.
REAL ESTATE - AG REALTY FUND VI LP	3	-6,954.
REAL ESTATE - AG SUPER FUND LP	4	-24,413.
TOTAL TO FORM 990-PF, PART I, LINE 5A		-31,497.

FORM 990-PF OTHER INCOME STATEMENT 3

DESCRIPTION	(A) REVENUE PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME
OTHER INCOME (LOSS) FROM K-1S	-285,161.	-254,015.	-285,161.
OTHER MISC. INCOME	201.	201.	201.
TOTAL TO FORM 990-PF, PART I, LINE 11	-284,960.	-253,814.	-284,960.

FORM 990-PF	LEGAL FEES			STATEMENT	4
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES	
LEGAL FEES	2,134.	0.	0.	2,134.	
TO FM 990-PF, PG 1, LN 16A	2,134.	0.	0.	2,134.	

FORM 990-PF	ACCOUNTING FEES			STATEMENT	5
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES	
AUDIT & TAX FEES	44,684.	22,342.	0.	22,342.	
TO FORM 990-PF, PG 1, LN 16B	44,684.	22,342.	0.	22,342.	

FORM 990-PF	OTHER PROFESSIONAL FEES			STATEMENT	6
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES	
INVESTMENT FEES	707,918.	707,918.	0.	0.	
CONSULTANT FEES	98,518.	0.	0.	98,518.	
TO FORM 990-PF, PG 1, LN 16C	806,436.	707,918.	0.	98,518.	

FORM 990-PF	TAXES			STATEMENT	7
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES	
UBIT TAXES	42,337.	0.	0.	0.	
TO FORM 990-PF, PG 1, LN 18	42,337.	0.	0.	0.	

FORM 990-PF	OTHER EXPENSES			STATEMENT	8
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES	
POSTAGE	10,194.	0.	0.	10,194.	
OFFICE EXPENSE	25,284.	3,552.	0.	21,732.	
COMPUTER HARDWARE & EXPENSES	115,610.	0.	0.	115,610.	
ADVERTISING & PROMOTION	53,984.	0.	0.	53,984.	
INSURANCE	28,367.	0.	0.	28,367.	
PROFESSIONAL DEVELOPMENT	5,418.	0.	0.	5,418.	
AWARDS & HONORARIA	56,690.	0.	0.	56,690.	
MISCELLANEOUS	657.	0.	0.	657.	
ACCRUAL TO CASH ADJUSTMENT	0.	0.	0.	145,651.	
TO FORM 990-PF, PG 1, LN 23	296,204.	3,552.	0.	438,303.	

FORM 990-PF	CORPORATE STOCK		STATEMENT	9
DESCRIPTION	BOOK VALUE		FAIR MARKET VALUE	
PUBLIC EQUITY INVESTMENTS	82,881,236.		82,881,236.	
TOTAL TO FORM 990-PF, PART II, LINE 10B	82,881,236.		82,881,236.	

FORM 990-PF	OTHER INVESTMENTS		STATEMENT	10
DESCRIPTION	VALUATION METHOD	BOOK VALUE	FAIR MARKET VALUE	
ALTERNATIVE INVESTMENTS	FMV	44,898,798.	44,898,798.	
FIXED INCOME INVESTMENTS	FMV	18,041,977.	18,041,977.	
TOTAL TO FORM 990-PF, PART II, LINE 13		62,940,775.	62,940,775.	

FORM 990-PF	OTHER ASSETS		STATEMENT 11
DESCRIPTION	BEGINNING OF YR BOOK VALUE	END OF YEAR BOOK VALUE	FAIR MARKET VALUE
DIVIDENDS AND INTEREST RECEIVABLE	85,804.	0.	0.
OTHER ASSETS	231,080.	249,671.	249,671.
TO FORM 990-PF, PART II, LINE 15	316,884.	249,671.	249,671.

FORM 990-PF	OTHER LIABILITIES		STATEMENT 12
DESCRIPTION	BOY AMOUNT	EOY AMOUNT	
POSTRETIREMENT BENEFIT OBLIGATION	889,856.	734,791.	
LBT LIABILITY	1,400,000.	1,400,000.	
TOTAL TO FORM 990-PF, PART II, LINE 22	2,289,856.	2,134,791.	

FORM 990-PF	EXPLANATION CONCERNING PART VII-A, LINE 8B	STATEMENT 13
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EXPLANATION

RESEARCH CORPORATION FILES IN SEVERAL STATES TO REPORT UNRELATED BUSINESS TAXABLE INCOME. THE CORPORATION HAS NO PRESENCE OR ACTIVITIES IN THESE STATES. SOME OF THESE STATES DO NOT REQUIRE REGISTRATION WITH THE ATTORNEY GENERAL IF CONTRIBUTIONS ARE NOT SOLICITED IN THE STATE.

FORM 990-PF PART VIII - LIST OF OFFICERS, DIRECTORS STATEMENT 14
TRUSTEES AND FOUNDATION MANAGERS

NAME AND ADDRESS	TITLE AND AVRG HRS/WK	COMPEN- SATION	EMPLOYEE BEN PLAN CONTRIB	EXPENSE ACCOUNT
DR. ROBERT N. SHELTON 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	PRESIDENT AND BOARD MEMBER 40.00	413,020.	46,400.	38,500.
MR. G. SCOTT CLEMONS 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	CHAIRMAN OF THE BOARD 2.00	0.	0.	0.
DR. BRENT IVERSON 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	SECRETARY AND BOARD MEMBER 2.00	380.	0.	0.
MR. DANIEL GASCH 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	CHIEF FINANCIAL OFFICER 40.00	207,000.	46,710.	20,700.
DR. LARS BILDSTEN 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	BOARD MEMBER 2.00	0.	0.	0.
DR. PETER DORHOUT 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	BOARD MEMBER 2.00	417.	0.	0.
DR. EUGENE FLOOD 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	BOARD MEMBER 2.00	899.	0.	0.
MR. JONATHAN HOOK 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	BOARD MEMBER 2.00	0.	0.	0.
DR. GAYLE P. W. JACKSON 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	BOARD MEMBER 2.00	705.	0.	0.
DR. ELIZABETH MCCORMACK 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	BOARD MEMBER 2.00	373.	0.	0.
MR. DAVID WENNER 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	BOARD MEMBER 2.00	0.	0.	0.

DR. JOAN WOODARD	BOARD MEMBER			
4703 E. CAMP. LOWELL #201	2.00	0.	0.	0.
TUCSON, AZ 85712				

TOTALS INCLUDED ON 990-PF, PAGE 6, PART VIII	622,794.	93,110.	59,200.
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FORM 990-PF	SUMMARY OF DIRECT CHARITABLE ACTIVITIES	STATEMENT	15
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ACTIVITY ONE

THE COTTRELL COLLEGE SCIENCE AWARD (CCSA) SUPPORTS THE RESEARCH PROGRAMS OF EARLY CAREER FACULTY IN CHEMISTRY, PHYSICS AND ASTRONOMY AT PRIMARILY UNDERGRADUATE INSTITUTIONS ACROSS THE UNITED STATES. 33 SINGLE-INVESTIGATOR AWARDS WERE MADE IN 2015.

EXPENSES

TO FORM 990-PF, PART IX-A, LINE 1	2,685,569.
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FORM 990-PF	SUMMARY OF DIRECT CHARITABLE ACTIVITIES	STATEMENT	16
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ACTIVITY TWO

THE COTTRELL SCHOLAR AWARD DEVELOPS OUTSTANDING CHEMISTRY, PHYSICS AND ASTRONOMY TEACHER-SCHOLARS AT RESEARCH UNIVERSITIES WHO ARE RECOGNIZED BY THEIR SCIENTIFIC COMMUNITIES FOR THE QUALITY AND INNOVATION OF THEIR RESEARCH PROGRAMS AND THEIR ACADEMIC LEADERSHIP SKILLS. THIS AWARD PROVIDES ENTRY INTO A NATIONAL COMMUNITY OF OUTSTANDING SCHOLAR-EDUCATORS WHO PRODUCE SIGNIFICANT RESEARCH AND EDUCATION OUTCOMES. 15 COTTRELL SCHOLAR AWARDS AND 6 COLLABORATIVE AWARDS WERE GIVEN IN 2015.

EXPENSES

TO FORM 990-PF, PART IX-A, LINE 2	2,398,973.
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FORM 990-PF .

SUMMARY OF DIRECT CHARITABLE ACTIVITIES

STATEMENT 17

ACTIVITY THREE

SCIALOG SUPPORTS RESEARCH, INTENSIVE DIALOG AND COMMUNITY BUILDING TO ADDRESS SCIENTIFIC CHALLENGES OF GLOBAL SIGNIFICANCE. WITHIN EACH MULTI-YEAR INITIATIVE, SCIALOG FELLOWS COLLABORATE IN HIGH-RISK DISCOVERY RESEARCH ON UNTESTED IDEAS AND COMMUNICATE THEIR PROGRESS IN ANNUAL CLOSED CONFERENCES. THROUGH THE GIVE-AND-TAKE OF COMMUNITY BUILDING, IT IS THE FOUNDATION'S HOPE THAT SCIALOG FELLOWS GROW BETTER EQUIPPED TO TACKLE EVER MORE CHALLENGING MULTIDISCIPLINARY PROBLEMS. SCIALOG IS INTENDED TO: 1) SUPPORT EARLY CAREER FACULTY TO EXPAND RESEARCH IN A FOCUSED AREA OF HIGH SCIENTIFIC IMPORTANCE; 2) ENCOURAGE SCIENTISTS TO FORM MULTIDISCIPLINARY TEAMS TO TACKLE THESE CRITICAL CHALLENGES, AND; 3) HELP TRANSITION AWARDEES TO OBTAIN FURTHER FUNDING FOR THEIR INNOVATIVE IDEAS. IN 2015 TWO SCIALOG CONFERENCES, MOLECULES COME TO LIFE AND TIME DOMAIN ASTROPHYSICS, WERE HELD AT WHICH GRANT PROPOSALS WERE RECEIVED FOR THE AWARDS MADE.

EXPENSES

TO FORM 990-PF, PART IX-A, LINE 3

739,568.

Schedule of Appropriations and Payments, by Request ID

Fiscal Year 2015

12/31/2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of Arizona Foundation 1111 N Cherry Avenue Tucson, AZ 85721 <i>Arizona Assurance Scholars Program</i> \$100,000.00 9/16/2011 ID: 21079		\$20,000.00	\$0.00	\$0.00	\$20,000.00	\$0.00
James Madison University 800 S. Main Street Harrisonburg, VA 22807 <i>Structure/Function Analysis of the Giant Muscle Protein Obscurin</i> \$35,000.00 2/15/2014 ID: 22450		\$14,073.00	\$0.00	\$0.00	\$14,073.00	\$0.00
Carleton College One N. College Street Northfield, MN 55057 <i>Optimization of Index Contrast in Diffusive Photopolymers Able to Create Waveguides and Fluid Channels in Optofluidic Devices</i> \$35,000.00 2/15/2014 ID: 22466		\$16,067.00	\$0.00	\$0.00	\$16,067.00	\$0.00
Harvey Mudd College 301 Platt Boulevard Claremont, CA 91711 <i>An Investigation of the Role of Fog in Forming and Transforming Brown Carbon in Urban Organic Aerosol</i> \$35,000.00 2/15/2014 ID: 22473		\$14,500.00	\$0.00	\$0.00	\$14,500.00	\$0.00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of Wisconsin, Eau Claire 105 Garfield Avenue PO Box 4004 Eau Claire, WI 54702-4004 <i>Smart Terphenyls Synthesis and Study of Planar Conjugated Compounds Capable of Dual-Input Geometry Switching</i> \$35,000 00		\$17,500.00	\$0.00	\$0.00	\$17,500.00	\$0.00
2/15/2014 ID: 22480						
College of the Holy Cross One College Street Worcester, MA 01610 <i>Molecular Monolayers on Nanoporous Gold Electrodes</i> \$35,000 00		\$17,808.00	\$0.00	\$0.00	\$17,808.00	\$0.00
2/15/2014 ID: 22483						
California State University, Long Beach 1250 Bellflower Blvd. Long Beach, CA 90840 <i>Unnatural Amino Acid Mutagenesis to Investigate Enzymatic General Base Catalysis</i> \$35,000 00		\$14,158.00	\$0.00	\$0.00	\$14,158.00	\$0.00
2/15/2014 ID: 22489						
College of Charleston 66 George Street Charleston, SC 29424 <i>Nucleophilic Aromatic Substitution in Proteins An Old Reaction for New Functionalization Strategies</i> \$35,000 00		\$17,000.00	\$0.00	\$0.00	\$17,000.00	\$0.00
2/15/2014 ID: 22490						

DBA RESEARCH CORPORATION FOR SCIENCE ADVANCEMENT
ATTACHMENT TO FORM 990-PF, PART XV

Fiscal Year 2015

Recipient and Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
College of William and Mary 105 Jamestown Road Williamsburg, VA 23185 <i>Developing Robust Systems for the Photoregeneration of Hydrogen A Combined Synthetic and Single-Molecule Spectroscopic Approach</i> \$75,000.00		\$37,500.00	\$0.00	\$0.00	\$37,500.00	\$0.00
2/15/2014 ID: 22491						
Central Michigan University 1200 S Franklin Street Mount Pleasant, MI 48859 <i>A Chemical Approach to Identifying and Profiling Proteins in the Mycobacterial Outer Membrane</i> \$35,000.00		\$17,120.00	\$0.00	\$0.00	\$17,120.00	\$0.00
2/15/2014 ID: 22525						
The Citadel 171 Moultrie St. Charleston, SC 29409 <i>Ideal Multipole Ion Traps</i> \$35,000.00		\$15,070.00	\$0.00	\$0.00	\$15,070.00	\$0.00
2/15/2014 ID: 22527						
Franklin and Marshall College 415 Harrisburg Avenue Lancaster, PA 17604 <i>Sensing of Halogenated Pollutants by Dehalococcoides mccartyi</i> \$35,000.00		\$17,158.00	\$0.00	\$0.00	\$17,158.00	\$0.00
2/15/2014 ID: 22529						

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of North Florida One UNF Drive Jacksonville, FL 32224 <i>Characterization of Inductive Superconducting Nanowires as a Building Block for Quantum Circuits</i> \$35,000 00 2/15/2014 ID 22530		\$15,650.00	\$0.00	\$0.00	\$15,650.00	\$0.00
Western Washington University 516 High Street Bellingham, WA 98225 <i>Silk-based Biomaterials for Neural Stimulation and Repair</i> \$35,000 00 2/15/2014 ID: 22536		\$14,900.00	\$0.00	\$0.00	\$14,900.00	\$0.00
Claremont McKenna College 888 Columbia Avenue Claremont, CA 91711 <i>Biochemical Characterization and Engineering of Taq DNA Polymerase Mutants for the Synthesis of 2' Modified DNA</i> \$35,000 00 2/15/2014 ID: 22548		\$17,500.00	\$0.00	\$0.00	\$17,500.00	\$0.00
Lake Superior State University 650 W Easterday Avenue Sault Ste. Marie, MI 49783 <i>Multicyclic Heterocycle Syntheses via Tandem Amidation/Annulation Reactions of N-Containing Heterocycles and Carboxylic Acids</i> \$35,000 00 2/15/2014 ID. 22563		\$15,025.00	\$0.00	\$0.00	\$15,025.00	\$0.00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Murray State University 102 Curris Center Murray, KY 42071 <i>Synthesis and Electrochemistry of Pyridine- and Phosphine-Stabilized Iridium Oxide Nanoparticles in Solutions and Films</i> \$35,000.00		\$17,500.00	\$0.00	\$0.00	\$17,500.00	\$0.00
2/15/2014 ID: 22576						
Pacific Lutheran University 12180 Park Avenue S Tacoma, WA 98447 <i>Retromutagenesis A Novel Route to Adaptive Mutagenesis</i> \$35,000.00		\$15,500.00	\$0.00	\$0.00	\$15,500.00	\$0.00
2/15/2014 ID: 22588						
Hofstra University 100 Hofstra University Hempstead, NY 11549 <i>Identification and Characterization of Putative Haloalkane Dehalogenase Enzymes</i> \$35,000.00		\$12,000.00	\$0.00	\$0.00	\$12,000.00	\$0.00
2/15/2014 ID: 22589						
Sam Houston State University 1806 Avenue J Huntsville, TX 77341 <i>Multi-wavelength Research of Core-collapse Supernovae at Sam Houston State University</i> \$15,000.00		\$14,500.00	\$0.00	(\$20,000.00)	(\$5,500.00)	\$0.00
2/15/2014 ID: 22597						

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of North Florida One UNF Drive Jacksonville, FL 32224 <i>Target Synthesis of Hybrid Nanomaterials From Single-Molecule Magnets</i> \$35,000 00 2/15/2014 ID. 22598		\$16,750.00	\$0.00	\$0.00	\$16,750 00	\$0 00
College of Wooster 1189 Beall Ave Wooster, OH 44691 <i>Generation and Manipulation of Entangled Two-photon States with Tailored Transverse Spatial Modes via Hong-Ou-Mandel Interference</i> \$35,000 00 2/15/2014 ID. 22603		\$11,000.00	\$0.00	\$0.00	\$11,000 00	\$0 00
Villanova University 800 Lancaster Avenue Villanova, PA 19085 <i>Activation of the Nrf2 Pathway by Oxidizable Diphenol Compounds Elucidating the Contributions of the Electrophilic Form and Reactive Oxygen Species</i> \$35,000 00 2/15/2014 ID. 22612		\$17,500.00	\$0 00	\$0.00	\$17,500.00	\$0.00
Middlebury College 9 Old Chapel Road Middlebury, VT 05753 <i>Quasar/Galaxy Co-Evolution Caught in the Act Understanding the Physics of Feedback</i> \$35,000 00 2/15/2014 ID. 22626		\$17,358 00	\$0.00	\$0.00	\$17,358 00	\$0 00

Fiscal Year 2015

Recipient and Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
James Madison University 800 S Main Street Harrisonburg, VA 22807 <i>Synthesis of Functional Phosphine Chalcogenides for Polymerizable Cobalt Chalcogenide Clusters</i> \$35,000 00 2/15/2014 ID 22628		\$17,500.00	\$0.00	\$0.00	\$17,500 00	\$0.00
Yeshiva University 500 W 185th Street New York, NY 10033 <i>Copper- and Palladium-Promoted Aromatic Acyloxylation</i> \$35,000.00 2/15/2014 ID: 22638		\$13,500.00	\$0.00	\$0 00	\$13,500 00	\$0 00
Southern Illinois University Edwardsville One Hairpin Drive Edwardsville, IL 62026 <i>Development of a Stereoselective Tandem Diels-Alder Ugi-Smiles Process for the Efficient Assembly of Isoindoline Derivatives</i> \$35,000 00 2/15/2014 ID: 22639		\$17,091.00	\$0.00	\$0.00	\$17,091 00	\$0.00
College of Charleston 66 George Street Charleston, SC 29424 <i>Defining the Role of Accessory Protein Subunits in the Assembly Mechanism of Mitochondrial Complex I</i> \$35,000 00 2/15/2014 ID: 22643		\$12,620 00	\$0 00	\$0 00	\$12,620.00	\$0 00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Denison University 100 W College Street Granville, OH 43023-1359 <i>Laser Cooling and Trapping of Atomic Ions with Telecom Light</i> \$35,000 00 2/15/2014 ID 22646		\$15,950 00	\$0 00	\$0 00	\$15,950 00	\$0 00
College of Wooster 1189 Beall Ave. Wooster, OH 44691 <i>Probing the Accretion Flow in Active Galaxies with Double-Peaked Emission Lines</i> \$0 00 2/15/2014 ID: 22653		\$35,000 00	\$0 00	(\$35,000 00)	\$0 00	\$0 00
Hartwick College P.O. Box 4020 Oneonta, NY 13820-1790 <i>Genetic and Biochemical Analysis of Enzyme Clustering in Yeast and its Application to Lesch-Nyhan Syndrome</i> \$35,000.00 2/15/2014 ID 22655		\$17,500 00	\$0 00	\$0 00	\$17,500 00	\$0 00
Seton Hall University 400 S. Orange Avenue South Orange, NJ 07079 <i>Work Function Dependence of Barrier Height at CdTe/conducting Polymer Junction with Tunable Polymer Work Function</i> \$35,000 00 2/15/2014 ID 22656		\$14,426 00	\$0 00	\$0 00	\$14,426 00	\$0 00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of Wisconsin, Oshkosh 800 Algoma Boulevard Oshkosh, WI 54901 <i>Characterization of Two New Manganese Homeostasis Proteins in Escherichia coli</i> \$35,000.00 2/15/2014 ID: 22658		\$17,500.00	\$0.00	\$0.00	\$17,500.00	\$0.00
James Madison University 800 S. Main Street Harrisonburg, VA 22807 <i>Determination of Key Astrophysical Photonic Reaction Cross Section Towards Understanding the Origin of p-Nuclei</i> \$35,000.00 2/15/2014 ID: 22662		\$15,609.00	\$0.00	\$0.00	\$15,609.00	\$0.00
Colorado College 14 E Cache La Poudre Street Colorado Springs, CO 80903 <i>Design, Synthesis, and Evaluation of New Drugs for Human African Trypanosomiasis</i> \$35,000.00 2/15/2014 ID: 22664		\$17,500.00	\$0.00	\$0.00	\$17,500.00	\$0.00
Pomona College 333 N. College Way Claremont, CA 91711 <i>Investigation of Ascaroside Biosynthesis in the Nematode C. elegans</i> \$35,000.00 2/15/2014 ID: 22670		\$17,500.00	\$0.00	\$0.00	\$17,500.00	\$0.00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
California State University, Northridge 18111 Nordhoff Street Northridge, CA 91330 <i>Enabling Rational Design of Biosulfurization Biochemical and Structural Characterization of Dibenzothiophene Monooxygenase</i> \$35,000.00 2/15/2014 ID 22672		\$17,500.00	\$0.00	\$0.00	\$17,500.00	\$0.00
Barnard College 3009 Broadway New York, NY 10027 <i>Iron and Copper Induced Alterations in MicroRNA Expression as a New Role for Metals in Neurodegenerative Disorders</i> \$35,000.00 2/15/2014 ID 22673		\$12,500.00	\$0.00	\$0.00	\$12,500.00	\$0.00
Dickinson College 20 S College Street Carlisle, PA 17013 <i>Investigation of the effects of parthenolide on the heat shock response system</i> \$35,000.00 2/15/2014 ID 22679		\$16,502.00	\$0.00	\$0.00	\$16,502.00	\$0.00
Texas A&M University - Commerce 2200 Campbell Street Commerce, TX 75428 <i>Trigonometric Parallax Determination of the Masses of the Mysterious Carbon-atmosphere White Dwarfs</i> \$35,000.00 2/15/2014 ID 22706		\$14,842.00	\$0.00	\$0.00	\$14,842.00	\$0.00

Fiscal Year 2015

Recipient and Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Macalester College 1600 Grand Avenue St Paul, MN 55105 <i>Structural and Biochemical Studies of DNA Packaging in Double-Stranded DNA Viruses</i> \$35,000.00 2/15/2014 ID: 22717		\$15,898.00	\$0.00	\$0.00	\$15,898.00	\$0.00
Occidental College 1600 Campus Road Los Angeles, CA 90041 <i>Wired P450 Electrodes for Bioelectrocatalysis</i> \$75,000.00 2/15/2014 ID: 22732		\$30,648.00	\$0.00	\$0.00	\$30,648.00	\$0.00
Texas A&M University - Commerce 2200 Campbell Street Commerce, TX 75428 <i>The Impact of Short-range Correlations in Nuclear Matter on the Equation of State, Composition and Dynamics of Neutron Stars</i> \$35,000.00 2/15/2014 ID: 22741		\$14,491.00	\$0.00	\$0.00	\$14,491.00	\$0.00
California State University, Fullerton 800 N State College Blvd. P.O. Box 34080 Fullerton, CA 92831-3599 <i>Developing a Numerical Injection Analysis Pipeline for Gravitational Waves from Merging Black Holes and Neutron Stars</i> \$75,000.00 2/15/2014 ID: 22743		\$29,204.00	\$0.00	\$0.00	\$29,204.00	\$0.00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Suffolk University 8 Ashburton Place Boston, MA 02108-2701 <i>Regulation of ClpXP Degradation During Starvation</i> \$35,000 00 2/15/2014 ID: 22745		\$16,158.00	\$0.00	\$0.00	\$16,158.00	\$0.00
Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139 <i>Teaching Sponges New Tricks Self-Assembly, Charge Transport, and Electric Conductivity in Microporous Metal-Organic Frameworks</i> \$75,000 00 1/10/2014 ID: 22758		\$2,500 00	\$0.00	\$0.00	\$2,500 00	\$0.00
Johns Hopkins University 242 Garland Hall Baltimore, MD 21218 <i>Superconductivity From Discovery to Rational Design</i> \$75,000.00 1/10/2014 ID: 22763		\$2,500 00	\$0.00	\$0.00	\$2,500 00	\$0.00
University of Colorado at Boulder 914 Broadway Street Boulder, CO 80302 <i>Measuring Micromechanical Motion at Quantum Limits and Identifying Successful Attributes of Undergraduate Research in Large Physics Departments</i> \$75,000 00 1/10/2014 ID: 22769		\$2,500 00	\$0.00	\$0.00	\$2,500.00	\$0.00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of Washington 301 Gerberding Hall Seattle, WA 98195 <i>Quantitative Assessment of Flex Activation in Polymer Mechanochemistry</i> \$75,000.00 1/10/2014 ID 22784		\$2,500.00	\$0.00	\$0.00	\$2,500.00	\$0.00
North Carolina State University 20 Watauga Club Drive Raleigh, NC 27695 <i>The Origin of the Heaviest Nuclei in the Universe</i> \$75,000.00 1/10/2014 ID. 22787		\$2,500.00	\$0.00	\$0.00	\$2,500.00	\$0.00
University of Denver 2199 S University Blvd. Denver, CO 80208 <i>Towards a Mechanistic Understanding of Cell Intercalation in Germ-Band Extension</i> \$75,000.00 1/10/2014 ID. 22790		\$2,500.00	\$0.00	\$0.00	\$2,500.00	\$0.00
University of Washington 301 Gerberding Hall Seattle, WA 98195 <i>Valley Quantum Optoelectronics of Monolayer Semiconductors</i> \$75,000.00 1/10/2014 ID. 22797		\$2,500.00	\$0.00	\$0.00	\$2,500.00	\$0.00
Rice University 6100 Main Street Houston, TX 77005 <i>Superconductivity in Strange Metals Some Like It Hot</i> \$75,000.00 1/10/2014 ID. 22799		\$2,500.00	\$0.00	\$0.00	\$2,500.00	\$0.00

Fiscal Year 2015

Recipient and Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of California, Irvine 510 Aldrich Hall Irvine, CA 92697 <i>Expanding the Bioluminescent Toolbox for Visualizing Metastatic Disease</i> \$75,000.00 1/10/2014 ID 22801		\$2,500.00	\$0.00	\$0.00	\$2,500.00	\$0.00
University of Oregon 1585 E 13th Avenue Eugene, OR 97403 <i>Materials for Solar Water Splitting Advancing Undergraduate Research and Controlling Chemistry and Charge Transport at Interfaces</i> \$75,000.00 1/10/2014 ID 22802		\$2,500.00	\$0.00	\$0.00	\$2,500.00	\$0.00
University of Pennsylvania 3400 Spruce Street Philadelphia, PA 19104 <i>What Every Undergraduate Should Learn About Electronic Relaxation</i> \$75,000.00 1/10/2014 ID 22822		\$2,500.00	\$0.00	\$0.00	\$2,500.00	\$0.00
University of Florida 355 Tigert Hall Gainesville, FL 32611 <i>Chemical Communication in C. Elegans and Incorporation of Natural Products Discovery into the Classroom</i> \$75,000.00 1/10/2014 ID 22844		\$2,500.00	\$0.00	\$0.00	\$2,500.00	\$0.00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Colorado School of Mines 1500 Illinois Street Golden, CO 80401 <i>Silicon Dioxide A 17 eV Solar Absorber for Tandem Silicon Photovoltaics</i> \$606 20 11/15/2013 ID 22868		\$0.00	\$0.00	(\$24,393 80)	(\$24,393.80)	\$0.00
Creighton University 2500 California Plaza Omaha, NE 68178 <i>Precision Measurement of the Microwave Fano-Feshbach Resonance in Ultracold 41K Atoms</i> \$40,000 00 1/1/2015 ID 23186		\$0.00	\$40,000.00	\$0 00	\$31,927 00	\$8,073 00
Haverford College 370 Lancaster Avenue Haverford, PA 19041 <i>Developing Novel Detectors to Search for the Particle Origins of Dark Matter with the GAPS Experiment</i> \$40,000.00 1/1/2015 ID 23194		\$0 00	\$40,000.00	\$0.00	\$20,000 00	\$20,000 00
Bard College 30 Campus Road Annandale-on-Hudson, NY 12504-5000 <i>Quantum Hall Effects in Hybrid Graphene</i> \$40,000.00 1/1/2015 ID: 23200		\$0.00	\$40,000 00	\$0.00	\$20,695.00	\$19,305.00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
California Polytechnic State University, San Luis Obispo		\$0.00	\$40,000.00	\$0.00	\$23,500.00	\$16,500.00
One Grand Avenue San Luis Obispo, CA 93407						
<i>Fundamental Studies in Quasi-two-dimensional Hydrodynamics</i>						
\$40,000.00						
1/1/2015 ID: 23201						
Saint Olaf College		\$0.00	\$40,000.00	\$0.00	\$23,962.00	\$16,038.00
1520 St. Olaf Avenue Northfield, MN 55057						
<i>Nickel-Catalyzed Decarboxylative Carbon-Carbon Bond Formation</i>						
\$40,000.00						
1/1/2015 ID: 23209						
Western Washington University		\$0.00	\$40,000.00	\$0.00	\$23,250.00	\$16,750.00
516 High Street Bellingham, WA 98225						
<i>Profiling the In Vitro Reactivity of Sortase Homologs for Use in Protein Modification</i>						
\$40,000.00						
1/1/2015 ID: 23210						
Rochester Institute of Technology		\$0.00	\$40,000.00	\$0.00	\$20,311.00	\$19,689.00
One Lomb Memorial Drive Rochester, NY 14623						
<i>The Cell as an Adaptive Composite Material: Mechanics and Force Transmission</i>						
\$40,000.00						
1/1/2015 ID: 23211						

DBA RESEARCH CORPORATION FOR SCIENCE ADVANCEMENT
ATTACHMENT TO FORM 990-PF, PART XV

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Oberlin College 173 W Lorain St Oberlin, OH 44074 <i>Spin and Horizon Multipoles in Numerical Relativity, and the Visualization of Dynamical Spacetimes</i> \$40,000 00 1/1/2015 ID: 23212		\$0 00	\$40,000 00	\$0 00	\$22,388 00	\$17,612 00
Haverford College 370 Lancaster Avenue Haverford, PA 19041 <i>Forming the Most Luminous Galaxies in the Universe</i> \$40,000.00 1/1/2015 ID: 23221		\$0.00	\$40,000.00	\$0.00	\$17,000.00	\$23,000 00
Reed College 3203 SE Woodstock Blvd. Portland, OR 97202 <i>Bismuth(III)-Chiral Anion Complexes Creating An Environmentally-Friendly, Versatile, Chiral Catalyst</i> \$40,000 00 1/1/2015 ID: 23222		\$0.00	\$40,000.00	\$0.00	\$20,000 00	\$20,000.00
University of Wisconsin, Eau Claire 105 Garfield Avenue PO Box 4004 Eau Claire, WI 54702-4004 <i>Towards Developing a Computational Inhibitor Screening Method for Quinone Reductase</i> \$40,000 00 1/1/2015 ID: 23223		\$0 00	\$40,000.00	\$0.00	\$25,500.00	\$14,500.00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Texas State University 601 University Drive San Marcos, TX 78666 <i>Self-Assembly of Supramolecular Fractals with Self-Similarity</i> \$40,000.00 1/1/2015 ID: 23224		\$0.00	\$40,000.00	\$0.00	\$21,000.00	\$19,000.00
Saint Joseph's University 5600 City Avenue Philadelphia, PA 19131 <i>Investigation of Magnetoviscous and Viscoelastic Properties of Micro to Nanoliter Ferrofluids</i> \$40,000.00 1/1/2015 ID: 23228		\$0.00	\$40,000.00	\$0.00	\$25,809.00	\$14,191.00
Wabash College 301 W Wabash Avenue Crawfordsville, IN 47933-2484 <i>From Dark to Light Versatile Synthesis of Fluorogenic Small Molecule Sensors and Enzyme Substrates</i> \$40,000.00 1/1/2015 ID: 23232		\$0.00	\$40,000.00	\$0.00	\$25,000.00	\$15,000.00
Point Loma Nazarene University 3900 Lomaland Drive San Diego, CA 92106 <i>Design and Synthesis of Anthrax Lethal Factor Inhibitors Containing a Novel and Specific Zinc Binding Group Based on a 2-2-arylsulfonamidophenylbenzimidazole Backbone</i> \$40,000.00 1/1/2015 ID: 23238		\$0.00	\$40,000.00	\$0.00	\$20,000.00	\$20,000.00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Amherst College PO Box 5000 Amherst, MA 01002-5000 <i>Optical Trapping Assay to Study Histone Replacement During Spermiogenesis</i> \$40,000.00 1/1/2015 ID 23239		\$0.00	\$40,000.00	\$0.00	\$24,312.00	\$15,688.00
Williams College 880 Main Street Williamstown, MA 01267 <i>Thermal Conductivity on the Nanoscale Measuring Quantum Heat Transport with Chains of Trapped Ions</i> \$40,000.00 1/1/2015 ID 23245		\$0.00	\$40,000.00	\$0.00	\$27,175.00	\$12,825.00
Rochester Institute of Technology One Lomb Memorial Drive Rochester, NY 14623 <i>In-situ Study of Metal and Metal-oxide Gas Phase Catalysts Using Surface X-ray Scattering</i> \$40,000.00 1/1/2015 ID 23246		\$0.00	\$40,000.00	\$0.00	\$20,437.00	\$19,563.00
University of West Florida 11000 University Parkway Pensacola, FL 32514 <i>Development of Environmentally Benign Electrophilic Chlorocyclization Reactions Using Table Salt and CuSO4 for the Synthesis of Diverse Heterocycles</i> \$40,000.00 1/1/2015 ID 23248		\$0.00	\$40,000.00	\$0.00	\$20,750.00	\$19,250.00

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Recipient and Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Haverford College						
370 Lancaster Avenue		\$0.00	\$40,000.00	\$0.00	\$20,005.00	\$19,995.00
Haverford, PA 19041						
<i>Characterizing the Molecular Interactions Between Carrier Proteins and Oxygenases in Natural Product Biosynthesis</i>						
\$40,000.00						
1/1/2015 ID. 23251						
Grinnell College						
1115 8th Avenue		\$0.00	\$40,000.00	\$0.00	\$16,844.00	\$23,156.00
Grinnell, IA 50112						
<i>Exoplanet Science with Grinnell's Grant O Gale Observatory</i>						
\$40,000.00						
1/1/2015 ID. 23265						
Western Washington University						
516 High Street		\$0.00	\$40,000.00	\$0.00	\$23,852.00	\$16,148.00
Bellingham, WA 98225						
<i>Efficient Computational Screening and Chemical Understanding of Oxide Nanostructures for Energy Applications</i>						
\$40,000.00						
1/1/2015 ID. 23270						
Rutgers University, Camden						
303 Cooper Street		\$0.00	\$40,000.00	\$0.00	\$27,896.00	\$12,104.00
Camden, NJ 08102						
<i>Effects of Cholesterol and Lipid Sorting on Aggregation of Nicotinic Acetylcholine Receptors</i>						
\$40,000.00						
1/1/2015 ID. 23271						

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Western Washington University 516 High Street Bellingham, WA 98225 <i>Transport and Disorder in Simple Lattices with Overlapping Orbital Impurities</i> \$0.00		\$0.00	\$40,000.00	(\$40,000.00)	\$0.00	\$0.00
1/1/2015 ID. 23272						
Grand Valley State University One Campus Drive Allendale, MI 49401 <i>Towards a Chemical Rationale for Redox-Induced Electron Transfer</i> \$40,000.00		\$0.00	\$40,000.00	\$0.00	\$21,980.00	\$18,020.00
1/1/2015 ID. 23273						
College of the Holy Cross One College Street Worcester, MA 01610 <i>Synthesis of Beta-lactams by a Cu-catalyzed Cyclization Reaction of Siloxyalkynes and Ketanimines</i> \$40,000.00		\$0.00	\$40,000.00	\$0.00	\$21,057.00	\$18,943.00
1/1/2015 ID. 23287						
University of Tennessee, Chattanooga 615 McCallie Avenue Chattanooga, TN 37403 <i>Acrylic Acid From CO2 and Ethylene Catalyzed By Cyclopentadienyl-Co(III) With Bidentate N-Heterocyclic Carbene Ligands That Contain a Bridging Amine</i> \$40,000.00		\$0.00	\$40,000.00	\$0.00	\$23,100.00	\$16,900.00
1/1/2015 ID. 23288						

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Villanova University 800 Lancaster Avenue Villanova, PA 19085 <i>Neutron Scattering and Muon Spin Relaxation Studies of Geometrically Frustrated Double Perovskites</i> \$40,000.00 1/1/2015 ID: 23314		\$0.00	\$40,000.00	\$0.00	\$20,000.00	\$20,000.00
Wellesley College 106 Central Street Wellesley, MA 02481 <i>Improving Directional Dark Matter Detectors Through Advanced Tracking and Genetically Multiplexed High Spatial Resolution Readouts</i> \$40,000.00 1/1/2015 ID: 23325		\$0.00	\$40,000.00	\$0.00	\$22,500.00	\$17,500.00
Denison University 100 W. College Street Granville, OH 43023-1359 <i>Structure-function Studies of RNA Thermosensors Using Selective 2'-Hydroxyl Acylation Analyzed by Primer Extension (SHAPE)</i> \$40,000.00 1/1/2015 ID: 23326		\$0.00	\$40,000.00	\$0.00	\$22,982.00	\$17,018.00
Albright College 1621 N. 13th Street Reading, PA 19604 <i>Aluminum-nitroxide Complexes New Redox-Active Aluminum Complexes for Applications in C-H Activation</i> \$40,000.00 1/1/2015 ID: 23329		\$0.00	\$40,000.00	\$0.00	\$20,000.00	\$20,000.00

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Rutgers University, Camden 303 Cooper Street Camden, NJ 08102 <i>An Enzyme-Powered Nanomotor Propelled by Chemical Fuels</i> \$40,000.00 1/1/2015 ID 23331		\$0.00	\$40,000.00	\$0.00	\$20,000.00	\$20,000.00
Villanova University 800 Lancaster Avenue Villanova, PA 19085 <i>Do Proteasomal Motor Proteins Have Separable Functions? The Effect of Aromatic Paddle Mutations on Proteasomal Processivity</i> \$40,000.00 1/1/2015 ID 23334		\$0.00	\$40,000.00	\$0.00	\$19,551.00	\$20,449.00
University of California, Irvine 510 Aldrich Hall Irvine, CA 92697 <i>Activation of the Innate Immune System with Light A Chemical Biology Approach to Improving Vaccination</i> \$75,000.00 2/15/2015 ID 23360		\$0.00	\$75,000.00	\$0.00	\$72,500.00	\$2,500.00
Syracuse University 900 S Crouse Avenue Syracuse, NY 13244 <i>Using Single-Cell Mechanical Properties to Predict Pattern Formation and Mechanical Response in Biological Tissues</i> \$75,000.00 2/15/2015 ID 23365		\$0.00	\$75,000.00	\$0.00	\$72,500.00	\$2,500.00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Columbia University 3000 Broadway New York, NY 10027 <i>Development of Polymers for Next-Generation Singlet Fission Solar Cells</i> \$75,000.00 2/15/2015 ID: 23368		\$0.00	\$75,000.00	\$0.00	\$72,500.00	\$2,500.00
University of Washington 301 Gerberding Hall Seattle, WA 98195 <i>Zinc Oxide Impurity-Bound Electrons for Optics-Based Quantum Information</i> \$75,000.00 2/15/2015 ID: 23376		\$0.00	\$75,000.00	\$0.00	\$72,500.00	\$2,500.00
Harvard University 1350 Massachusetts Avenue Cambridge, MA 02138 <i>Chemically-Guided Enzyme Discovery An Approach to Identifying New Biological Reactions and a Tool for Inspiring Future Scientists</i> \$75,000.00 2/15/2015 ID: 23382		\$0.00	\$75,000.00	\$0.00	\$72,500.00	\$2,500.00
Stanford University 450 Serra Mall Stanford, CA 94305 <i>Unraveling Quantum Fluctuations in Charge and Energy Transport</i> \$75,000.00 2/15/2015 ID: 23383		\$0.00	\$75,000.00	\$0.00	\$72,500.00	\$2,500.00

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Boston College 140 Commonwealth Avenue Chestnut Hill, MA 02167 <i>Redox Switchable Iron Catalysts for the Synthesis of Biodegradable Polymers</i> \$75,000 00 2/15/2015 ID 23386		\$0 00	\$75,000.00	\$0.00	\$72,500.00	\$2,500 00
University of Utah 201 Presidents Circle Salt Lake City, UT 84112 <i>Fluorescent Biomolecular Labeling to Image RNA Localization and Promote Independent Learning</i> \$75,000.00 2/15/2015 ID 23387		\$0 00	\$75,000.00	\$0 00	\$72,500 00	\$2,500 00
University of Delaware 104 Hulihan Hall Newark, DE 19716 <i>Remodeling Bacterial Cell Walls and Biochemistry Laboratory Curriculum</i> \$75,000 00 2/15/2015 ID 23388		\$0.00	\$75,000.00	\$0.00	\$72,500.00	\$2,500 00
University of Missouri 104 Jesse Hall Columbia, MO 65211 <i>Tailoring Bacterial Cellulose Ionogels for Diverse Chemical Tasks</i> \$75,000 00 2/15/2015 ID 23393		\$0 00	\$75,000.00	\$0 00	\$72,500 00	\$2,500 00

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of North Carolina at Chapel Hill 103 South Building Chapel Hill, NC 27599 <i>Designing Photocathode Materials for Solar Fuel Photoelectrosynthesis From the Lab to the Classroom</i> \$75,000.00 2/15/2015 ID: 23394		\$0.00	\$75,000.00	\$0.00	\$72,500.00	\$2,500.00
University of Pittsburgh 4200 Fifth Avenue Pittsburgh, PA 15260 <i>Using Metal-Ligand Chemistry to Understand, Form, and Tailor Nanoscale Alloys</i> \$75,000.00 2/15/2015 ID: 23396		\$0.00	\$75,000.00	\$0.00	\$72,500.00	\$2,500.00
Tufts University 419 Boston Avenue Medford, MA 02155 <i>Predicting the Stability of Pickering Emulsion through Computer Simulations</i> \$75,000.00 2/15/2015 ID: 23414		\$0.00	\$75,000.00	\$0.00	\$72,500.00	\$2,500.00
Colorado School of Mines 1500 Illinois Street Golden, CO 80401 <i>Embracing Asymmetry - Designing Materials for Thermoelectric Power Conversion</i> \$75,000.00 2/15/2015 ID: 23440		\$0.00	\$75,000.00	\$0.00	\$72,500.00	\$2,500.00

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of Washington 301 Gerberding Hall Seattle, WA 98195 <i>Quantifying the Conformational Landscape of Maltose Binding Protein</i> \$75,000.00 2/15/2015 ID: 23447		\$0.00	\$75,000.00	\$0.00	\$72,500.00	\$2,500.00
Indiana University Bloomington 107 S Indiana Avenue Bloomington, IN 47405 <i>Light-Mediated Strain as an Adaptive Tool Toward Efficient Catalysis</i> \$20,000.00 11/15/2014 ID: 23457		\$20,000.00	\$0.00	\$0.00	\$20,000.00	\$0.00
University of Arizona 1401 E. University Blvd. Tucson, AZ 85721 <i>Light-Mediated Strain as an Adaptive Tool Toward Efficient Catalysis</i> \$80,000.00 11/15/2014 ID: 23458		\$80,000.00	\$0.00	\$0.00	\$80,000.00	\$0.00
University of Oregon 1585 E 13th Avenue Eugene, OR 97403 <i>Scalable Tandem Architecture for Solar Water Splitting</i> \$50,000.00 11/15/2014 ID: 23459		\$50,000.00	\$0.00	\$0.00	\$50,000.00	\$0.00
Arizona State University - Tempe Campus 1151 S Forest Avenue Tempe, AZ 85281 <i>Scalable Tandem Architecture for Solar Water Splitting</i> \$50,000.00 11/15/2014 ID: 23460		\$50,000.00	\$0.00	\$0.00	\$50,000.00	\$0.00

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Colorado State University 301 Administration Building Fort Collins, CO 80523 <i>What's Inside a Perovskite Solar Cell?</i> <i>Learning from (Local) Structure to Design Better Perovskite Solar Cells</i> \$33,334.00		\$33,334.00	\$0.00	\$0.00	\$33,334.00	\$0.00
11/15/2014 ID 23461						
University of Southern California University Park Campus Los Angeles, CA 90089 <i>What's Inside a Perovskite Solar Cell?</i> <i>Learning from (Local) Structure to Design Better Perovskite Solar Cells</i> \$33,333.00		\$33,333.00	\$0.00	\$0.00	\$33,333.00	\$0.00
11/15/2014 ID 23462						
Texas A&M University 401 Joe Routh Boulevard College Station, TX 77843 <i>What's Inside a Perovskite Solar Cell?</i> <i>Learning from (Local) Structure to Design Better Perovskite Solar Cells</i> \$33,333.00		\$33,333.00	\$0.00	\$0.00	\$33,333.00	\$0.00
11/15/2014 ID 23463						
Georgia State University 33 Gilmer Street Atlanta, GA 30302 <i>Emerging Au-VO2 Nanocomposites as a Potentially Switchable CO2 Catalyst</i> \$33,334.00		\$33,334.00	\$0.00	\$0.00	\$33,334.00	\$0.00
11/15/2014 ID 23464						

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of Maryland College Park 1101 Main Administration Bldg College Park, MD 20742 <i>Emerging Au-VO2 Nanocomposites as a Potentially Switchable CO2 Catalyst</i> \$33,333.00		\$33,333.00	\$0.00	\$0.00	\$33,333.00	\$0.00
11/15/2014 ID 23465						
Vanderbilt University 211 Kirkland Hall Nashville, TN 37240 <i>Emerging Au-VO2 Nanocomposites as a Potentially Switchable CO2 Catalyst</i> \$33,333.00		\$33,333.00	\$0.00	\$0.00	\$33,333.00	\$0.00
11/15/2014 ID 23466						
Empire High School 10701 E Mary Ann Cleveland Way Tucson, AZ 85747 <i>Characterization of Cross-Species Telomerase Reverse Transcriptase (TERT) Constructs in Arabidopsis Thaliana</i> \$6,807.97		\$0.00	\$6,807.97	\$0.00	\$6,807.97	\$0.00
2/1/2015 ID 23467						
Sonoran Science Academy 2325 W Sunset Road Tucson, AZ 85741 <i>Development of Water Quality Curriculum for Lecture and Inquiry-Based Interactive Laboratory Lessons</i> \$7,000.00		\$0.00	\$7,000.00	\$0.00	\$7,000.00	\$0.00
2/1/2015 ID 23468						

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of Illinois at Urbana-Champaign						
901 W. Illinois Street		\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$0.00
Urbana, IL 61801						
<i>TREE Award Nomination</i>						
\$25,000.00						
2/15/2015 ID 23500						
Vanderbilt University						
211 Kirkland Hall		\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$0.00
Nashville, TN 37240						
<i>TREE Award Nomination</i>						
\$25,000.00						
2/15/2015 ID 23501						
University of Illinois at Urbana-Champaign						
901 W. Illinois Street		\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$0.00
Urbana, IL 61801						
<i>TREE Award Nomination</i>						
\$25,000.00						
2/15/2015 ID: 23502						
University of Utah						
201 Presidents Circle		\$0.00	\$5,000.00	\$0.00	\$5,000.00	\$0.00
Salt Lake City, UT 84112						
<i>Mobilizing the Forgotten Army Equipping</i>						
<i>TAs with Inquiry-Based Instruction</i>						
<i>Methods</i>						
\$5,000.00						
2/15/2015 ID 23504						
Southern Arizona Regional Science & Engineering Fair (SARSEF)						
3247 N Christmas Avenue	501c(3)	\$0.00	\$5,000.00	\$0.00	\$5,000.00	\$0.00
Tucson, AZ 85716						
<i>So Arizona Regional Science & Engineering Fair (SARSEF) - March 2015</i>						
\$5,000.00						
2/6/2015 ID 23505						

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Mathematical Sciences Research Institute						
17 Gauss Way Berkeley, CA 94720 <i>Support for the National Math Festival - April 2015</i>						
\$25,000.00						
2/5/2015 ID 23506		\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$0.00
University of Texas at Austin						
110 Inner Campus Drive Austin, TX 78712 <i>Freshman Research Initiative for 2016</i>						
\$5,000.00						
2/9/2015 ID 23507		\$0.00	\$5,000.00	\$0.00	\$5,000.00	\$0.00
LSST Corporation						
933 N. Cherry Avenue Tucson, AZ 85721 <i>2015 Membership Contribution</i>						
\$25,000.00						
2/9/2015 ID 23508		\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$0.00
ACS Division of Chemical Education						
2225 S. Earl Ave. Lafayette, IN 47908-2266 <i>Presidential Symposium at March 2015 ACS Conference</i>						
\$2,000.00						
3/20/2015 ID 23509		\$0.00	\$2,000.00	\$0.00	\$2,000.00	\$0.00
Bucknell University						
701 Moore Ave Lewisburg, PA 17837 <i>ACS Award for Research at an Undergraduate Institution</i>						
\$5,000.00						
3/22/2015 ID 23510		\$0.00	\$5,000.00	\$0.00	\$5,000.00	\$0.00

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
American Chemical Society 1155 Sixteenth Street NW Washington, DC 20036 <i>ACS Award for Research at an Undergraduate Institution-Sponsorship</i> \$5,000.00	501c(3)	\$0.00	\$5,000.00	\$0.00	\$5,000.00	\$0.00
3/22/2015 ID 23511						
Michigan Technological University 1400 Townsend Drive Houghton, MI 49931 <i>Silicon Diselenide A 17 eV Solar Absorber for Tandem Silicon Photovoltaics</i> \$24,393.80		\$0.00	\$24,393.80	\$0.00	\$24,393.80	\$0.00
11/15/2013 ID 23513						
New Venture Fund (NVF) 1201 Connecticut Avenue, NW Washington, DC 20036 <i>2015 Grant for Research Corporation's SPA Participation</i> \$50,000.00		\$0.00	\$50,000.00	\$0.00	\$50,000.00	\$0.00
5/14/2015 ID 23566						
ACS Business Office 210 Cypress Court Woodway, TX 76712 <i>ENVR Symposium at 250th ACS Nat'l Meeting in Boston</i> \$5,000.00		\$0.00	\$5,000.00	\$0.00	\$5,000.00	\$0.00
5/19/2015 ID 23727						

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
American Association of Variable Star Observers (AAVSO) 49 Bay State Road Cambridge, MA 02138 <i>International Olympiad on Astronomy & Astrophysics (IOAA)</i> \$2,500.00 6/8/2015 ID: 23731		\$0.00	\$2,500.00	\$0.00	\$2,500.00	\$0.00
American Physical Society One Physics Ellipse College Park, MD 20740-3844 <i>APS Award for Research at an Undergraduate Institution</i> \$5,596.81 6/30/2015 ID: 23734		\$0.00	\$10,000.00	(\$4,403.19)	\$5,596.81	\$0.00
American Physical Society One Physics Ellipse College Park, MD 20740-3844 <i>APS Award for Research at an Undergraduate Institution</i> \$10,000.00 6/30/2015 ID: 23735		\$0.00	\$10,000.00	\$0.00	\$0.00	\$10,000.00
ACS Division of Inorganic Chemistry 1155 - 16th Street NW Washington, DC 20036 <i>DIC-ACS Young Investigator Award - 2015 Sponsorship</i> \$1,000.00 7/9/2015 ID: 23736		\$0.00	\$1,000.00	\$0.00	\$1,000.00	\$0.00

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Arizona Public Media 1423 University Blvd. P.O. Box 210067 Tucson, AZ 85721-0067 <i>Arizona Public Media Annual Program Sponsorship in 2015</i> \$25,000.00 7/22/2015 ID 23739		\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$0.00
Science Friday Initiative 19 West 44th Street, Suite 412 New York, NY 10036 <i>Science Friday Initiative Sponsorship - 2015</i> \$25,000.00 7/31/2015 ID: 23741		\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$0.00
University of Pittsburgh 4200 Fifth Avenue Pittsburgh, PA 15260 <i>Diversity Survey and Policy</i> \$25,000.00 8/1/2015 ID 23742		\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$0.00
James Madison University 800 S Main Street Harrisonburg, VA 22807 <i>Getting a Job at a Research Intensive Primarily Undergraduate Institution</i> \$25,000.00 8/1/2015 ID 23743		\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$0.00
Boston College 140 Commonwealth Avenue Chestnut Hill, MA 02167 <i>National Collegiate Scholastic Association, a Cottrell Scholars Collaborative</i> \$25,000.00 8/1/2015 ID. 23744		\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$0.00

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of California, Irvine 510 Aldrich Hall Irvine, CA 92697 <i>Implementing Effective Evaluation of Teaching and Learning in STEM</i> \$25,000 00 8/1/2015 ID 23745		\$0.00	\$25,000.00	\$0.00	\$25,000 00	\$0 00
Syracuse University 820 Comstock Avenue Syracuse, NY 13244-5040 <i>APS Conference for Undergraduate Women in Physics</i> \$4,500 00 8/24/2015 ID 23746		\$0.00	\$4,500 00	\$0.00	\$4,500.00	\$0.00
University of Illinois Urbana-Champaign 1110 W Green Street 203 Loomis Urbana, IL 61801 <i>Exploring a Community-Based Entrepreneurial Approach to STEM Education Reform</i> \$3,000 00 8/27/2015 ID 23748		\$0.00	\$3,000.00	\$0 00	\$3,000 00	\$0 00
University of Arizona BECUR BE CUR Conference University of Arizona Biological Sciences West, Room 342A2 PO Box 210088 Tucson, AZ 85721-0088 <i>BE CUR Conference 2016</i> \$500.00 9/18/2015 ID 23749		\$0 00	\$500.00	\$0 00	\$500 00	\$0 00

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
United States Naval Academy 121 Blake Road Annapolis, MD 21402 <i>Transport and Disorder in Simple Lattices with Overlapping Orbital Impurities</i> \$40,000.00 10/1/2015 ID 23750		\$0.00	\$40,000.00	\$0.00	\$32,148.00	\$7,852.00
UC San Diego Foundation 9500 Gilman Drive, #0940 La Jolla, CA 92093-0940 <i>UCSD Undergraduate Women in Physics 2016 Conference</i> \$500.00 10/20/2015 ID 23751		\$0.00	\$500.00	\$0.00	\$500.00	\$0.00
Michigan State University 220 Throbridge Road East Lansing, MI 48824 <i>Nuclear Burps and Belches Presupernova Eruptions in 3D</i> \$30,000.00 12/15/2015 ID 23770		\$0.00	\$30,000.00	\$0.00	\$0.00	\$30,000.00
University of Arizona 1401 E University Blvd Tucson, AZ 85721 <i>Nuclear Burps and Belches Presupernova Eruptions in 3D</i> \$30,000.00 12/15/2015 ID 23771		\$0.00	\$30,000.00	\$0.00	\$0.00	\$30,000.00
Purdue University 610 Purdue Mall West Lafayette, IN 47907 <i>Catching the Emergence of a SN Years After the GRB</i> \$50,000.00 12/15/2015 ID 23779		\$0.00	\$50,000.00	\$0.00	\$0.00	\$50,000.00

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Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Michigan State University 220 Throbridge Road East Lansing, MI 48824 <i>Catching the Emergence of a SN Years After the GRB</i> \$50,000.00 12/15/2015 ID: 23780		\$0.00	\$50,000.00	\$0.00	\$0.00	\$50,000.00
California Institute of Technology 1200 E California Blvd. Pasadena, CA 91125 <i>Monitoring Extrasolar Space Weather with the LWA and Everscope</i> \$50,000.00 12/15/2015 ID: 23781		\$0.00	\$50,000.00	\$0.00	\$0.00	\$50,000.00
University of North Carolina at Chapel Hill 103 South Building Chapel Hill, NC 27599 <i>Monitoring Extrasolar Space Weather with the LWA and Everscope</i> \$50,000.00 12/15/2015 ID: 23782		\$0.00	\$50,000.00	\$0.00	\$0.00	\$50,000.00
Hobart and William Smith Colleges 300 Pulteney Street Geneva, NY 14456-3397 <i>Transformational Technologies and Techniques for High Precision Photometric and Spectroscopic Stellar TDA</i> \$25,000.00 12/15/2015 ID: 23783		\$0.00	\$33,334.00	(\$8,334.00)	\$0.00	\$25,000.00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of Oklahoma 660 Parrington Oval Norman, OK 73019 <i>Transformational Technologies and Techniques for High Precision Photometric and Spectroscopic Stellar TDA</i> \$25,000.00		\$0 00	\$33,333 00	(\$8,333.00)	\$0 00	\$25,000 00
12/15/2015 ID: 23784						
Pennsylvania State University 201 Old Main University Park, PA 16802 <i>Transformational Technologies and Techniques for High Precision Photometric and Spectroscopic Stellar TDA</i> \$50,000 00		\$0.00	\$33,333 00	\$16,667.00	\$0 00	\$50,000 00
12/15/2015 ID: 23785						
University of Arizona Foundation 1111 N Cherry Avenue Tucson, AZ 85721 <i>College of Science - Support for 2015 Arizona Daily Star Supplement & 2016 Lecture Series (2)</i> \$20,000 00		\$0 00	\$20,000 00	\$0 00	\$20,000.00	\$0 00
11/10/2015 ID: 23796						
New York University 70 Washington Square So New York, NY 100012 <i>Bringing Novae Into the Twenty-First Century</i> \$27,334.00		\$0 00	\$33,334.00	\$0.00	\$0.00	\$33,334 00
12/15/2015 ID: 23809						

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
Columbia University 3000 Broadway New York, NY 10027 <i>Bringing Novae Into the Twenty-First Century</i> \$33,333.00 12/15/2015 ID 23810		\$0.00	\$33,333.00	\$0.00	\$0.00	\$33,333.00
University of California, Berkeley 200 California Hall Berkeley, CA 94720 <i>Bringing Novae Into the Twenty-First Century</i> \$39,333.00 12/15/2015 ID 23811		\$0.00	\$33,333.00	\$0.00	\$0.00	\$33,333.00
Columbia University 3000 Broadway New York, NY 10027 <i>Professional-Amateur Collaboration Enhancing the Scientific and Societal Value of Eyrscope</i> \$50,000.00 12/15/2015 ID 23821		\$0.00	\$50,000.00	\$0.00	\$0.00	\$50,000.00
University of North Carolina at Chapel Hill 103 South Building Chapel Hill, NC 27599 <i>Professional-Amateur Collaboration Enhancing the Scientific and Societal Value of Eyrscope</i> \$50,000.00 12/15/2015 ID 23822		\$0.00	\$50,000.00	\$0.00	\$0.00	\$50,000.00

Fiscal Year 2015

Recipient and/or Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance 2015
University of Vermont 80 S. Prospect Street Burlington, VT 05405 <i>Cottrell Scholar Collaborative New Faculty Workshop</i> \$10,000.00 11/30/2015 ID: 23823		\$0.00	\$10,000.00	\$0.00	\$0.00	\$10,000.00
Trinity University One Trinity Place San Antonio, TX 78212 <i>Multi-wavelength Research of Core-collapse Supernovae</i> \$20,000.00 12/10/2015 ID: 23824		\$0.00	\$20,000.00	\$0.00	\$0.00	\$20,000.00
Trinity University One Trinity Place San Antonio, TX 78212 <i>LEAD: Preparing the Path to Professor at a Primarily Undergraduate Institution</i> \$25,000.00 12/1/2015 ID: 23825		\$0.00	\$25,000.00	\$0.00	\$0.00	\$25,000.00
Marana High School 12000 W. Emigh Road Tucson, AZ 85741 <i>Osteology and Forensic Anthropology Through 3-D Printing</i> \$7,000.00 12/21/2015 ID: 23829		\$0.00	\$7,000.00	\$0.00	\$0.00	\$7,000.00
Sunnyside High School 1725 E. Bilby Rd Tucson, AZ 85706 <i>Magnetic Nanopillars and Magnetic Levitation with Superconductors</i> \$3,000.00 12/21/2015 ID: 23830		\$0.00	\$3,000.00	\$0.00	\$0.00	\$3,000.00

Fiscal Year 2015

Recipient and Purpose	Tax Status	Beginning Balance 2015	Newly Allocated 2015	Amended 2015	Amount Paid 2015	Ending Balance
Cienega High School 12775 E. Mary Ann Cleveland Way Vail, AZ 85641 <i>The Great Arizona Mosquito Hunt Aedes aegypti Citizen Science</i> \$3,000 00 12/21/2015 ID 23831		\$0.00	\$3,000.00	\$0.00	\$0.00	\$3,000.00
University of Arizona Foundation 1510 East University Blvd (A349G) P.O. Box 210055 Tucson, AZ 85721-0055 <i>RCSA Gift to University of Arizona Libraries for Dedicated Collaborative Faculty Room</i> \$45,000 00 12/21/2015 ID 23833		\$0.00	\$45,000.00	\$0.00	\$45,000.00	\$0.00
Grand Total (169 items)		\$1,212,576.00	\$3,605,201.77	(\$123,796.99)	\$3,443,411.78	\$1,250,569.00
Other charitable contributions (see next page)					\$ 44,627.34	\$ 0.00
ADJUSTED TOTAL TO PART XV, LINES 3A AND 3B					\$3,488,039.12	\$1,250,569.00

Other Charitable Contributions:

Children's Museum Tucson	5,000.00
American Express Company	500.00
YMCA of Southern Arizona	500.00
United Way of Tucson and Southern Arizona	589.96
Godat Design Inc.	1,050.00
Adobepress	1,000.00
Adobepress	1,702.50
Godat Design Inc.	35.00
American Express Company	1,000.00
Educational Enrichment Foundation	1,000.00
Angel Charity for Children, Inc.	10,000.00
United Way of Tucson and Southern Arizona	839.96
American Express Company	400.00
University of Arizona Foundation	1,500.00
Startup Tucson	5,000.00
Educational Enrichment Foundation	2,500.00
Tucson Festival of Books	5,000.00
United Way of Tucson and Southern Arizona	589.96
Metropolitan Education Commission	500.00
Our Family Services	100.00
Independent Media	680.00
United Way of Tucson and Southern Arizona	589.96
Community Food Bank	4,550.00
	44,627.34