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OMB No 1545-0047

Form 990-PF

Return of Private Foundation

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

Department of the Treasury

Internal Revenue Service

Do not enter social security numbers on this form as it may be made public.

Go to www.irs.gov/Form990PF for instructions and the latest information.

1912

2019

Open to Public Inspection

For calendar year 2019 or tax year beginning

, and ending

Name of foundation RESEARCH CORPORATION DBA RESEARCH CORPORATION FOR SCIENCE ADVANCEMENT		A Employer identification number 13-1963407
Number and street (or P.O. box number if mail is not delivered to street address) 4703 EAST CAMP LOWELL DRIVE	Room/suite 201	B Telephone number 520-571-1111
City or town, state or province, country, and ZIP or foreign postal code TUCSON, AZ 85712		C If exemption application is pending, check here ☐
G Check all that apply: ☐ Initial return ☐ Final return ☐ Address change ☐ Initial return of a former public charity ☐ Amended return ☐ Name change		D 1. Foreign organizations, check here ☐ 2. Foreign organizations meeting the 85% test, check here and attach computation ☐
H Check type of organization ☒ Section 501(c)(3) exempt private foundation ☐ Section 4947(a)(1) nonexempt charitable trust ☐ Other taxable private foundation		E If private foundation status was terminated under section 507(b)(1)(A), check here ☐
I Fair market value of all assets at end of year (from Part II, col. (c), line 16) \$ 190,001,214.	J Accounting method ☐ Cash ☒ Accrual ☐ Other (specify) _____	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		105,000.			
2 Check ☐ if the foundation is not required to attach Sch. B					
3 Interest on savings and temporary cash investments		5,121.	5,121.	5,121.	STATEMENT 1
4 Dividends and interest from securities		5,636,896.	5,636,896.	5,636,896.	STATEMENT 2
5a Gross rents		-1,242.	-1,242.	-1,242.	STATEMENT 3
b Net rental income or (loss)		-1,242.			
6a Net gain or (loss) from sale of assets not on line 10		4,730,831.			
b Gross sales price for all assets on line 6a		5,436,921.			
7 Capital gain net income (from Part IV, line 2)			4,730,831.		
8 Net short-term capital gain					
9 Income modifications					
10a Gross sales less returns and allowances					
b Less Cost of goods sold					
c Gross profit or (loss)					
11 Other income		-856.	-12,653.	-856.	STATEMENT 4
12 Total. Add lines 1 through 11		10,475,750.	10,358,953.	5,639,919.	
13 Compensation of officers, directors, trustees, etc		780,384.	131,221.	131,369.	649,015.
14 Other employee salaries and wages		1,003,265.	28,469.	28,501.	974,764.
15 Pension plans, employee benefits		439,222.	15,279.	15,296.	462,244.
16a Legal fees STMT 5		7,320.	0.	0.	14,025.
b Accounting fees STMT 6		43,250.	21,625.	21,625.	21,625.
c Other professional fees STMT 7		3,536,495.	3,387,016.	3,390,847.	145,648.
17 Interest					
18 Taxes STMT 8		2,311.	0.	0.	0.
19 Depreciation and depletion		4,159.	0.	0.	
20 Occupancy		229,068.	14,607.	14,624.	217,333.
21 Travel, conferences, and meetings		884,576.	11,357.	11,394.	896,524.
22 Printing and publications		1,743.	0.	0.	1,743.
23 Other expenses STMT 9		439,676.	0.	0.	427,976.
24 Total operating and administrative expenses. Add lines 13 through 23		7,371,469.	3,609,574.	3,613,656.	3,810,897.
25 Contributions, gifts, grants paid		4,063,476.			4,148,272.
26 Total expenses and disbursements. Add lines 24 and 25		11,434,945.	3,609,574.	3,613,656.	7,959,169.
27 Subtract line 26 from line 12:					
a Excess of revenue over expenses and disbursements		-959,195.			
b Net investment income (if negative, enter -0-)			6,749,379.		
c Adjusted net income (if negative, enter -0-)				2,026,263.	

923501 12-17-19 LHA For Paperwork Reduction Act Notice, see instructions

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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		2,940,455.	4,559,869.	4,559,869.
	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 ▶				
		Less: allowance for doubtful accounts ▶		678,703.	0.	0.
	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 11	92,308,959.	116,567,151.	116,567,151.	
	c	Investments - corporate bonds				
	Liabilities	11	Investments - land, buildings, and equipment basis ▶			
		Less: accumulated depreciation ▶				
12		Investments - mortgage loans				
13		Investments - other STMT 12	69,330,879.	68,636,235.	68,636,235.	
14		Land, buildings, and equipment: basis ▶ 864,176.				
		Less: accumulated depreciation ▶ 813,162.	29,920.	51,014.	51,014.	
15		Other assets (describe ▶ OTHER ASSETS)	207,698.	186,945.	186,945.	
16		Total assets (to be completed by all filers - see the instructions. Also, see page 1, item I)	165,496,614.	190,001,214.	190,001,214.	
17		Accounts payable and accrued expenses	136,029.	147,732.		
18		Grants payable	525,002.	505,000.		
Net Assets or Fund Balances	19	Deferred revenue				
	20	Loans from officers, directors, trustees, and other disqualified persons				
	21	Mortgages and other notes payable				
	22	Other liabilities (describe ▶ STATEMENT 13)	923,354.	865,622.		
23	Total liabilities (add lines 17 through 22)	1,584,385.	1,518,354.			
Net Assets or Fund Balances		Foundations that follow FASB ASC 958, check here ▶ ☒ and complete lines 24, 25, 29, and 30.				
	24	Net assets without donor restrictions	163,912,229.	188,482,860.		
	25	Net assets with donor restrictions				
		Foundations that do not follow FASB ASC 958, check here ▶ ☐ and complete lines 26 through 30.				
	26	Capital stock, trust principal, or current funds				
	27	Paid-in or capital surplus, or land, bldg., and equipment fund				
	28	Retained earnings, accumulated income, endowment, or other funds				
29	Total net assets or fund balances	163,912,229.	188,482,860.			
30	Total liabilities and net assets/fund balances	165,496,614.	190,001,214.			

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 29 (must agree with end-of-year figure reported on prior year's return)	1	163,912,229.
2	Enter amount from Part I, line 27a	2	-959,195.
3	Other increases not included in line 2 (itemize) ▶ SEE STATEMENT 10	3	25,529,826.
4	Add lines 1, 2, and 3	4	188,482,860.
5	Decreases not included in line 2 (itemize) ▶	5	0.
6	Total net assets or fund balances at end of year (line 4 minus line 5) - Part II, column (b), line 29	6	188,482,860.

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Part IV Capital Gains and Losses for Tax on Investment Income

(a) List and describe the kind(s) of property sold (for example, 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 STATEMENT			
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 5,436,921.		706,090.	4,730,831.

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

(i) FMV as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col. (i) over col. (j), if any	(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col. (h))
a			
b			
c			
d			
e			4,730,831.

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	4,730,831.
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	-430,781.

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 doesn't 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))
2018			
2017			
2016			
2015			
2014			

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 5.0, 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 2019 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 If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate See the Part VI instructions	8	

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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 06/25/87 (attach copy of letter if necessary-see instructions)

b Domestic foundations that meet the section 4940(e) requirements in Part V, check here ☐ and enter 1% of Part I, line 27b

c All other domestic foundations enter 2% of line 27b. Exempt foreign organizations, enter 4% of Part I, line 12, col. (b)

2 Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only; others, enter -0-)

3 Add lines 1 and 2

4 Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only; others, enter -0-)

5 Tax based on investment income Subtract line 4 from line 3. If zero or less, enter -0-

6 Credits/Payments

a 2019 estimated tax payments and 2018 overpayment credited to 2019

b Exempt foreign organizations - tax withheld at source

c Tax paid with application for extension of time to file (Form 8868)

d Backup withholding erroneously withheld

7 Total credits and payments. Add lines 6a through 6d

8 Enter any penalty for underpayment of estimated tax. Check here ☐ if Form 2220 is attached

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 2020 estimated tax

Refunded

Part VII A Statements Regarding Activities

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?

b Did it spend more than \$100 during the year (either directly or indirectly) for political purposes? See the 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

c Did the foundation file Form 1120-POL for this year?

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

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

4a Did the foundation have unrelated business gross income of \$1,000 or more during the year?

b If "Yes," has it filed a tax return on Form 990-T for this year?

5 Was there a liquidation, termination, dissolution, or substantial contraction during the year?

If "Yes," attach the statement required by General Instruction T

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?

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

8a Enter the states to which the foundation reports or with which it is registered. See instructions.

AL, AZ, CA, NY

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

SEE STATEMENT 14

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 2019 or the tax year beginning in 2019? See the instructions for Part XIV. If "Yes," complete Part XIV

10 Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses

	Yes	No
1a		X
1b		X
1c		X
2		X
3		X
4a	X	
4b	X	
5		X
6	X	
7	X	
8b		X
9	X	
10		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	11	X
12 Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement. See instructions	12	X
13 Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address WWW.RESCORP.ORG	13	X
14 The books are in care of DANIEL GASCH, CFO/VP Telephone no. 520-571-1111 Located at 4703 EAST CAMP LOWELL DRIVE, NO. 201, TUCSON, AZ ZIP+4 85712		
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 2019, 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	16	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	1b	X
c Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2019?	1c	X
2 Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5)):		
a At the end of tax year 2019, did the foundation have any undistributed income (Part XIII, lines 6d and 6e) for tax year(s) beginning before 2019? 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.)	2b	
c If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here	N/A	
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 2019 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 Form 4720, Schedule C, to determine if the foundation had excess business holdings in 2019.)	3b	
4a Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?	4a	X
b Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2019?	4b	X

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

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

(1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))? ☐ Yes ☒ No

(2) Influence the outcome of any specific public election (see section 4955), or to carry on, directly or indirectly, any voter registration drive? ☐ Yes ☒ No

(3) Provide a grant to an individual for travel, study, or other similar purposes? ☐ Yes ☒ No

(4) Provide a grant to an organization other than a charitable, etc., organization described in section 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**

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

b Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract? ☐ Yes ☒ No

If "Yes" to 6b, file Form 8870

7a At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction? ☐ Yes ☒ No

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

8 Is the foundation subject to the section 4960 tax on payment(s) of more than \$1,000,000 in remuneration or excess parachute payment(s) during the year? ☐ Yes ☒ No

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

1 List all officers, directors, trustees, and 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 15		600,292.	120,242.	59,850.

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	171,500.	50,017.	17,150.
DR. SILVIA RONCO - 4703 E. CAMP LOWELL #201, TUCSON, AZ 85712	PROGRAM DIRECTOR 40.00	169,189.	39,275.	16,919.
MS. GAIL CRAIG-JAGER - 4703 E. CAMP LOWELL #201, TUCSON, AZ 85712	FINANCIAL ADMINISTRATOR 40.00	105,808.	26,406.	10,500.
MR. THOMAS GOODENOW - 4703 E. CAMP LOWELL #201, TUCSON, AZ 85712	IT DIRECTOR 40.00	88,000.	34,009.	8,800.
MR. DAN HUFF - 4703 E. CAMP LOWELL #201, TUCSON, AZ 85712	COMMUNICATIONS DIRECTOR 40.00	104,295.	19,541.	6,938.

Total number of other employees paid over \$50,000 3

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
TCI - CITCO FUND SERVICES CUSTOM HOUSE PLAZA, BLOCK 6, DUBLIN, IRELAND	INVESTMENT MANAGEMENT	1,476,135.
ANGELO, GORDON & CO. 245 PARK AVENUE, NEW YORK, NY 10167	INVESTMENT MANAGEMENT	1,178,068.
SANDS CAPITAL MANAGEMENT P.O. BOX 219009, KANSAS CITY, MO 64121	INVESTMENT MANAGEMENT	402,026.
DODGE & COX FUNDS P.O. BOX 8422, BOSTON, MA 02266	INVESTMENT MANAGEMENT	194,697.
FUND EVALUATION GROUP P.O. BOX 639176, CINCINATI, OH 45263	INVESTMENT CONSULTANT	60,000.
Total number of others receiving over \$50,000 for professional services		2

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 16	4,610,817.
2 SEE STATEMENT 17	1,796,301.
3 SEE STATEMENT 18	480,293.
4 SEE STATEMENT 19	384,235.

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

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CORPORATION FOR SCIENCE ADVANCEMENT

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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	134,228,180.
b	Average of monthly cash balances	1b	2,669,744.
c	Fair market value of all other assets	1c	42,327,542.
d	Total (add lines 1a, b, and c)	1d	179,225,466.
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	179,225,466.
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)	4	2,688,382.
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5	176,537,084.
6	Minimum investment return. Enter 5% of line 5	6	8,826,854.

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 2019 from Part VI, line 5	2a	
b	Income tax for 2019 (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	7,959,169.
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	7,959,169.
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	7,959,169.

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

Form 990-PF (2019)

Part XIII Undistributed Income (see instructions)

N/A

	(a) Corpus	(b) Years prior to 2018	(c) 2018	(d) 2019
1 Distributable amount for 2019 from Part XI, line 7				
2 Undistributed income, if any, as of the end of 2019				
a Enter amount for 2018 only				
b Total for prior years:				
3 Excess distributions carryover, if any, to 2019.				
a From 2014				
b From 2015				
c From 2016				
d From 2017				
e From 2018				
f Total of lines 3a through e				
4 Qualifying distributions for 2019 from Part XII, line 4: ► \$				
a Applied to 2018, 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 2019 distributable amount				
e Remaining amount distributed out of corpus				
5 Excess distributions carryover applied to 2019 (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 2018. Subtract line 4a from line 2a. Taxable amount - see instr.				
f Undistributed income for 2019. Subtract lines 4d and 5 from line 1 This amount must be distributed in 2020				
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 2014 not applied on line 5 or line 7				
9 Excess distributions carryover to 2020. Subtract lines 7 and 8 from line 8a				
10 Analysis of line 9:				
a Excess from 2015				
b Excess from 2016				
c Excess from 2017				
d Excess from 2018				
e Excess from 2019				

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

Form 990-PF (2019)

13-1963407 Page 10

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 2019, 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.

b 85% of line 2a

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

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

e Qualifying distributions made directly for active conduct of exempt activities.

Subtract line 2d from line 2c

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

a "Assets" alternative test - enter:

(1) Value of all assets

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

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

c "Support" alternative test - enter:

(1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties)

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

(3) Largest amount of support from an exempt organization

(4) Gross investment income

Tax year (a) 2019	Prior 3 years			(e) Total
	(b) 2018	(c) 2017	(d) 2016	
2,026,263.	5,813,810.	3,149,667.	4,736,435.	15,726,175.-
1,722,324.	4,941,739.	2,677,217.	4,025,970.	13,367,249.
7,959,169.	7,634,742.	7,086,153.	7,776,198.	30,456,262.
11,270.	16,609.	34,865.	41,298.	104,042.
7,947,899.	7,618,133.	7,051,288.	7,734,900.	30,352,220.
190,001,214.	165,496,614.	174,518,565.	154,692,605.	684,708,998.
				0.
5,884,569.	5,729,042.	5,422,735.	4,860,210.	21,896,556.
				0.
				0.
				0.
				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., to individuals or organizations under other conditions, complete items 2a, b, c, and d

a The name, address, and telephone number or email 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.

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				4,148,272.
Total			3a	4,148,272.
b Approved for future payment				
SEE ATTACHED STATEMENT				505,000.
Total			3b	505,000.

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

- | | | | |
|---|--|-------|-----|
| 1 | Did the organization directly or indirectly engage in any of the following with any other organization described in section 501(c)(3) (other than section 501(c)(3) organizations) or in section 527, relating to political organizations? | | Yes |
| | | | |
| a | Transfers from the reporting foundation to a noncharitable exempt organization of: | | |
| | (1) Cash | 1a(1) | |
| | (2) Other assets | 1a(2) | |
| b | Other transactions. | | |
| | (1) Sales of assets to a noncharitable exempt organization | 1b(1) | |
| | (2) Purchases of assets from a noncharitable exempt organization | 1b(2) | |
| | (3) Rental of facilities, equipment, or other assets | 1b(3) | |
| | (4) Reimbursement arrangements | 1b(4) | |
| | (5) Loans or loan guarantees | 1b(5) | |
| | (6) Performance of services or membership or fundraising solicitations | 1b(6) | |
| c | Sharing of facilities, equipment, mailing lists, other assets, or paid employees | 1c | |
| 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) (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 _____

Title

**Paid
Preparer
Use Only**

Print/Type preparer's name

Preparer's signature

Date	
------	--

Check ☐ self-employed

PTIN

MONICA A. VERA, CPAMONICA A. VERA, C

10/14/20

P01456278

Firm's name ► BEACHFLEISCHMAN PC

Firm's EIN ▶	86-0683059
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Firm's address ► 1985 E. RIVER ROAD, SUITE 201
TUCSON, AZ 85718

Phone no. 520-321-4600

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 V LP	P		
b	AG CAPITAL RECOVERY PARTNERS VI LP	P		
c	AG NET LEASE REALTY FUND III LP	P		
d	AG REALTY FUND VI LP	P		
e	AG SUPER FUND LP	P		
f	AG SUPER FUND LP	P		
g	AG OPPORTUNISTIC WHOLE LOAN FUND LP	P		
h	FEG POF IV	P		
i	VANGUARD	P		
j	VANGUARD	P		
k	VANGUARD	P		
l	DODGE & COX	P		
m	DODGE & COX	P		
n	SAND CAPITAL GLOBAL	P		
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		36,404.	-36,404.
b		2,936.	-2,936.
c	67,214.		67,214.
d		14,346.	-14,346.
e		544,553.	-544,553.
f		107,851.	-107,851.
g	105,048.		105,048.
h	91.		91.
i	1,323.		1,323.
j	84,702.		84,702.
k	1,735,090.		1,735,090.
l	112,449.		112,449.
m	1,428,609.		1,428,609.
n	1,902,395.		1,902,395.
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			-36,404.
b			-2,936.
c			67,214.
d			-14,346.
e			** -544,553.
f			-107,851.
g			105,048.
h			91.
i			** 1,323.
j			84,702.
k			1,735,090.
l			** 112,449.
m			1,428,609.
n			1,902,395.
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	4,730,831.
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	-430,781.

Schedule B(Form 990, 990-EZ,
or 990-PF)Department of the Treasury
Internal Revenue Service**Schedule of Contributors**

- ▶ Attach to Form 990, Form 990-EZ, or Form 990-PF.
▶ Go to www.irs.gov/Form990 for the latest information.

OMB No 1545-0047

2019

Name of the organization

RESEARCH CORPORATION DBA RESEARCH
CORPORATION FOR SCIENCE ADVANCEMENT

Employer identification number

13-1963407

Organization type (check one)

Filers of:

Section:

Form 990 or 990-EZ

☐

501(c)() (enter number) organization

☐4947(a)(1) nonexempt charitable trust **not** treated as a private foundation☐

527 political organization

Form 990 PF

☒

501(c)(3) exempt private foundation

☐

4947(a)(1) nonexempt charitable trust treated as a private foundation

☐

501(c)(3) taxable private foundation

Check if your organization is covered by the **General Rule** or a **Special Rule**.**Note:** Only a section 501(c)(7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule. See instructions.**General Rule**☒

For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, contributions totaling \$5,000 or more (in money or property) from any one contributor. Complete Parts I and II. See instructions for determining a contributor's total contributions.

Special Rules☐

For an organization described in section 501(c)(3) filing Form 990 or 990-EZ that met the 33 1/3% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi), that checked Schedule A (Form 990 or 990-EZ), Part II, line 13, 16a, or 16b, and that received from any one contributor, during the year, total contributions of the greater of (1) \$5,000, or (2) 2% of the amount on (i) Form 990, Part VIII, line 1h, or (ii) Form 990-EZ, line 1. Complete Parts I and II.

☐For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than \$1,000 *exclusively* for religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals. Complete Parts I, II, and III.☐For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions *exclusively* for religious, charitable, etc., purposes, but no such contributions totaled more than \$1,000. If this box is checked, enter here the total contributions that were received during the year for an *exclusively* religious, charitable, etc., purpose. Don't complete any of the parts unless the **General Rule** applies to this organization because it received *nonexclusively* religious, charitable, etc., contributions totaling \$5,000 or more during the year. ▶ \$ _____

Caution: An organization that isn't covered by the General Rule and/or the Special Rules doesn't file Schedule B (Form 990, 990-EZ, or 990-PF), but it **must** answer "No" on Part IV, line 2, of its Form 990, or check the box on line H of its Form 990-EZ or on its Form 990-PF, Part I, line 2, to certify that it doesn't meet the filing requirements of Schedule B (Form 990, 990-EZ, or 990-PF).

LHA For Paperwork Reduction Act Notice, see the instructions for Form 990, 990-EZ, or 990-PF.

Schedule B (Form 990, 990-EZ, or 990-PF) (2019)

Name of organization

RESEARCH CORPORATION DBA RESEARCH
CORPORATION FOR SCIENCE ADVANCEMENT

Employer identification number

13-1963407

Part I Contributors (see instructions) Use duplicate copies of Part I if additional space is needed

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
1	THE KAVLI FOUNDATION 5715 MESMER AVENUE LOS ANGELES, CA 90230	\$ 50,000.	Person ☒ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions)
2	THE FLINN FOUNDATION 1802 N. CENTRAL AVENUE PHOENIX, AZ 85004	\$ 55,000.	Person ☒ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions)

Employer identification number

13-1963407

Part II

[illegible]

Name of organization

Employer identification number

RESEARCH CORPORATION DBA RESEARCH
CORPORATION FOR SCIENCE ADVANCEMENT

13-1963407

Part III Exclusively religious, charitable, etc., contributions to organizations described in section 501(c)(7), (8), or (10) that total more than \$1,000 for the year from any one contributor. Complete columns (a) through (e) and the following line entry. For organizations completing Part III, enter the total of exclusively religious, charitable, etc., contributions of \$1,000 or less for the year (Enter this info once) ▶ \$ _____

Use duplicate copies of Part III if additional space is needed

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee

FORM 990-PF INTEREST ON SAVINGS AND TEMPORARY CASH INVESTMENTS STATEMENT 1

SOURCE	(A) REVENUE PER BOOKS	(B) NET INVESTMENT INCOME	(C) ADJUSTED NET INCOME
ALLIANCE BANK	5,121.	5,121.	5,121.
TOTAL TO PART I, LINE 3	5,121.	5,121.	5,121.

FORM 990-PF DIVIDENDS AND INTEREST FROM SECURITIES STATEMENT 2

SOURCE	GROSS AMOUNT	CAPITAL GAINS DIVIDENDS	(A) REVENUE PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME
DODGE & COX	866,366.	0.	866,366.	866,366.	866,366.
K-1 INVESMENTS	917,982.	0.	917,982.	917,982.	917,982.
PFIC INVESTMENTS	2,936,054.	0.	2,936,054.	2,936,054.	2,936,054.
SAND CAPITAL	21,008.	0.	21,008.	21,008.	21,008.
VANGUARD	895,486.	0.	895,486.	895,486.	895,486.
TO PART I, LINE 4	5,636,896.	0.	5,636,896.	5,636,896.	5,636,896.

FORM 990-PF RENTAL INCOME STATEMENT 3

KIND AND LOCATION OF PROPERTY	ACTIVITY NUMBER	GROSS RENTAL INCOME
REAL ESTATE - AG REALTY FUND VI LP	3	4,791.
REAL ESTATE - AG SUPER FUND LP	4	-6,033.
TOTAL TO FORM 990-PF, PART I, LINE 5A		-1,242.

FORM 990-PF	OTHER INCOME	STATEMENT	4
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DESCRIPTION	(A) REVENUE PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME
OTHER INCOME (LOSS) FROM K-1S	-125,884.	-137,681.	-125,884.
OTHER MISC. INCOME	125,028.	125,028.	125,028.
TOTAL TO FORM 990-PF, PART I, LINE 11	-856.	-12,653.	-856.

FORM 990-PF	LEGAL FEES	STATEMENT	5
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DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
LEGAL FEES	7,320.	0.	0.	14,025.
TO FM 990-PF, PG 1, LN 16A	7,320.	0.	0.	14,025.

FORM 990-PF	ACCOUNTING FEES	STATEMENT	6
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DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
AUDIT & TAX FEES	43,250.	21,625.	21,625.	21,625.
TO FORM 990-PF, PG 1, LN 16B	43,250.	21,625.	21,625.	21,625.

FORM 990-PF	OTHER PROFESSIONAL FEES	STATEMENT	7
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DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
INVESTMENT FEES	3,390,847.	3,387,016.	3,390,847.	0.
CONSULTANT FEES	145,648.	0.	0.	145,648.
TO FORM 990-PF, PG 1, LN 16C	3,536,495.	3,387,016.	3,390,847.	145,648.

FORM 990-PF

TAXES

STATEMENT

8

DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
UBTI TAXES	2,311.	0.	0.	0.
TO FORM 990-PF, PG 1, LN 18	2,311.	0.	0.	0.

FORM 990-PF

OTHER EXPENSES

STATEMENT

9

DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
POSTAGE	1,852.	0.	0.	1,852.
OFFICE EXPENSE	50,872.	0.	0.	39,172.
COMPUTER HARDWARE & EXPENSES	212,192.	0.	0.	212,192.
ADVERTISING & PROMOTION	45,495.	0.	0.	45,495.
INSURANCE	26,288.	0.	0.	26,288.
PROFESSIONAL DEVELOPMENT	12,104.	0.	0.	12,104.
AWARDS & HONORARIA	90,873.	0.	0.	90,873.
TO FORM 990-PF, PG 1, LN 23	439,676.	0.	0.	427,976.

FORM 990-PF

OTHER INCREASES IN NET ASSETS OR FUND BALANCES

STATEMENT

10

DESCRIPTION	AMOUNT
BOOK/TAX DIFFERENCE FROM INVESTMENTS	25,529,826.
TOTAL TO FORM 990-PF, PART III, LINE 3	25,529,826.

FORM 990-PF CORPORATE STOCK STATEMENT 11

DESCRIPTION	BOOK VALUE	FAIR MARKET VALUE
PUBLIC EQUITY INVESTMENTS	116,567,151.	116,567,151.
TOTAL TO FORM 990-PF, PART II, LINE 10B	116,567,151.	116,567,151.

FORM 990-PF OTHER INVESTMENTS STATEMENT 12

DESCRIPTION	VALUATION METHOD	BOOK VALUE	FAIR MARKET VALUE
ALTERNATIVE INVESTMENTS	FMV	32,883,952.	32,883,952.
FIXED INCOME INVESTMENTS	FMV	35,752,283.	35,752,283.
TOTAL TO FORM 990-PF, PART II, LINE 13		68,636,235.	68,636,235.

FORM 990-PF OTHER LIABILITIES STATEMENT 13

DESCRIPTION	BOY AMOUNT	EOY AMOUNT
POSTRETIREMENT BENEFIT OBLIGATION	525,718.	487,400.
LBT LIABILITY	397,636.	378,222.
TOTAL TO FORM 990-PF, PART II, LINE 22	923,354.	865,622.

FORM 990-PF EXPLANATION CONCERNING PART VII-A, LINE 8B STATEMENT 14

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
TRUSTEES AND FOUNDATION MANAGERS

STATEMENT 15

NAME AND ADDRESS	TITLE AND AVRG HRS/WK	COMPEN- SATION	EMPLOYEE BEN PLAN EXPENSE CONTRIB ACCOUNT
DR. DANIEL I. LINZER 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	CEO/PRESIDENT AND BOARD MEMBER 38.00	367,436.	59,602. 36,700.
MR. DANIEL GASCH 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	CFO/VICE PRESIDENT 38.00	231,500.	60,640. 23,150.
DR. EUGENE FLOOD 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	TREASURER AND BOARD MEMBER 2.00	860.	0. 0.
DR. JOAN WOODARD 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	SECRETARY AND BOARD MEMBER 2.00	0.	0. 0.
DR. BRENT IVERSON 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	CHAIR OF BOARD 2.00	0.	0. 0.
DR. LARS BILDSTEN 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	BOARD MEMBER 2.00	0.	0. 0.
DR. G. SCOTT CLEMONS 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	BOARD MEMBER 2.00	0.	0. 0.
DR. DANIELLE DANA 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	BOARD MEMBER 2.00	496.	0. 0.
DR. JAMES DENAUT 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	0.	0. 0.
DR. NANCY HAEGEL 4703 E. CAMP LOWELL #201 TUCSON, AZ 85712	BOARD MEMBER 2.00	0.	0. 0.

DR. CATHERINE J. MURPHY	BOARD MEMBER			
4703 E. CAMP LOWELL #201	2.00	0.	0.	0.
TUCSON, AZ 85712				

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

TOTALS INCLUDED ON 990-PF, PAGE 6, PART VIII	600,292.	120,242.	59,850.
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FORM 990-PF	SUMMARY OF DIRECT CHARITABLE ACTIVITIES	STATEMENT	16
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ACTIVITY ONE

THE COTTRELL SCHOLAR AWARD DEVELOPS OUTSTANDING CHEMISTRY, PHYSICS AND ASTRONOMY TEACHER-SCHOLARS AT COLLEGES AND 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. 24 COTTRELL SCHOLAR AWARDS AND 4 COLLABORATIVE AWARDS WERE GIVEN IN 2019.

EXPENSES

TO FORM 990-PF, PART IX-A, LINE 1	4,610,817.
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FORM 990-PF	SUMMARY OF DIRECT CHARITABLE ACTIVITIES	STATEMENT	17
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ACTIVITY TWO

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 2019 three SCIALOG conferences, advanced energy storage, time domain astrophysics, and chemical machinery of the cell, were held at which grant proposals were received for the awards made.

EXPENSES

TO FORM 990-PF, PART IX-A, LINE 2

1,796,301.

FORM 990-PF

SUMMARY OF DIRECT CHARITABLE ACTIVITIES

STATEMENT 18

ACTIVITY THREE

THE FRED (FRONTIERS IN RESEARCH EXCELLENCE AND DISCOVERY) AWARD HAS A DUAL PURPOSE. IT REWARDS CREATIVE COTTRELL SCHOLARS WITH VIBRANT PROGRAMS OF RESEARCH AND POINTS TO THE FUTURE BY PROVIDING FUNDS TO INITIATE HIGH-RISK/HIGH-REWARD PROJECTS THAT WILL POTENTIALLY TRANSFORM A RESEARCH AREA. IN 2019, ONE AWARD OF \$250,000 WAS MADE.

EXPENSES

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

480,293.

FORM 990-PF

SUMMARY OF DIRECT CHARITABLE ACTIVITIES

STATEMENT 19

ACTIVITY FOUR

COTTRELL SCHOLAR CAREER ADVANCEMENT AWARDS ARE AIMED AT ADVANCING THE SKILLS, KNOWLEDGE AND EXPERIENCE OF COTTRELL SCHOLARS TOWARD ATTAINING A LEADERSHIP ROLE IN THEIR INSTITUTIONS. THE CAREER ADVANCEMENT AWARDS REPRESENT A COMMITMENT TO COTTRELL SCHOLARS THROUGHOUT THEIR CAREERS. IN 2019, FOUR SEED (SINGULAR EXCEPTIONAL ENDEAVORS OF DISCOVERY) AWARDS, THREE STAR (SCIENCE TEACHING AND RESEARCH) AWARDS, AND ONE IMPACT AWARD WAS MADE.

EXPENSES

TO FORM 990-PF, PART IX-A, LINE 4

384,235.

Schedule of Appropriations and Payments

8/7/2020

Recipient and/or Purpose	Tax Status	Beginning Balance	Newly Allocated	Amended	Amount Paid	Ending Balance
American Chemical Society	501 c(3)	\$20,000 00	\$0 00	\$0 00	\$10,000 00	\$10,000 00
Office of Award Programs 1155 Sixteenth Street NW Washington, DC 20036 <i>Cottrell Scholar Collaborative New Faculty Workshop</i> \$30,000 00 2017						
American Chemical Society	501 c(3)	\$0 00	\$5,000 00	\$0 00	\$5,000 00	\$0 00
Office of Award Programs 1155 Sixteenth Street NW Washington, DC 20036 \$5,000 00 2019						
American Chemical Society - Division of Colloid and Surface Chemistry 115 Sixteenth Street, NW Washington DC 20036 \$1,000 00 2019		\$0 00	\$1,000 00	\$0 00	\$1,000 00	\$0 00
American Chemical Society - Division of Inorganic Chemistry 1155 Sixteenth Street, NW Washington, DC 20036 <i>Symposium honoring Dr. Cathy Murphy at the 259th ACS National Meeting</i> \$2,500 00 2019		\$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 Prize to a Faculty Member for Research at an Undergraduate Institution</i> \$10,000 00 2018		\$10,000 00	\$0 00	\$0 00	\$10,000 00	\$0 00

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

EIN 13-1963407

Fiscal Year 2019

Amount Paid \$100,000 00
Ending Balance \$0 00

Amended \$0 00
Newly Allocated \$100,000 00
Beginning Balance \$0 00

Tax Status

Recipient and/or Purpose

Barnard College

3009 Broadway
New York, NY 10027
*Small Molecule Inhibition of Formin
Proteins: Specificity and Mechanisms of
Action*
\$100,000 00
2019

Binghamton University

4400 Vestal Parkway East
Binghamton, NY 13902
*Scaling the sensitivity gap to probe
interfaces of high voltage cathodes*
\$55,000 00
2018

Bowdoin College

255 Maine Street
Brunswick, ME 04011
*Moving Multiple Charges with Light in
Derivatized Naphthalene Photoacids*
\$100,000 00
2019

Bucknell University

701 Moore Avenue
Lewisburg, PA 17837
*Establishing a Network for Effective
Interventions in STEM Classrooms
Fanning the FLAMES*
\$25,000 00
2019

RESEARCH CORPORATION
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ATTACHMENT TO FORM 990-PF, PART XV

EIN 13-1963407

Fiscal Year 2019

Recipient and/or Purpose	Tax Status	Beginning Balance	Newly Allocated	Amended	Amount Paid	Ending Balance
California Institute of Technology 1200 E. California Blvd Pasadena, CA 91125 <i>Input Design Machine Learning (IDML) for Organic Chemistry Predicting Novel Catalysts at the True Global Optimum</i> \$250,000 00 2019		\$0 00	\$250,000 00	\$0 00	\$250,000 00	\$0 00
Carnegie Mellon University 5000 Forbes Avenue Pittsburgh, PA 15213 <i>Broken Symmetry and Spin-Triplet Pairing in Two-Dimensional Superconductors</i> \$100,000 00 2019		\$0 00	\$100,000 00	\$0 00	\$100,000 00	\$0 00
Columbia University 116th Street & Broadway New York, NY 10027 <i>Solid Electrolytes with Entropy-Enhanced Ionic Conductivity and Stability for High- Energy-Density Lithium Batteries</i> \$36,667 00 2018		\$36,667 00	\$0 00	\$0 00	\$36,667 00	\$0 00
Columbia University 116th Street & Broadway New York, NY 10027 <i>A Porosity-free Sodium Glass Electrolyte Formed at Room Temperature Integrated Experimental and Theoretical Approach</i> \$55,000 00 2019		\$0 00	\$55,000 00	\$0 00	\$0 00	\$55,000 00

RESEARCH CORPORATION
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ATTACHMENT TO FORM 990-PF, PART XV

EIN 13-1963407

Fiscal Year 2019

Recipient and/or Purpose	Tax Status	Beginning Balance	Newly Allocated	Amended	Amount Paid	Ending Balance
Cornell University 259 East Ave Ithaca, NY 14853 <i>Capturing the Heavy Alkaline Earth Elements Ligand Design to Sequester Radioactive Strontium, Barium, and Radium</i> \$100,000 00 2019		\$0 00	\$100,000 00	\$0 00	\$100,000 00	\$0 00
Dartmouth College Hanover, NH 03755 <i>Multifunctional Porous Scaffolds for Monitoring Neurochemicals</i> \$100,000 00 2019		\$0 00	\$100,000 00	\$0 00	\$100,000 00	\$0 00
Dartmouth College Hanover, NH 03755 <i>Smart Supramolecular 3D Printing Materials with Synchronized Molecular Motions</i> \$100,000 00 2019		\$0 00	\$100,000 00	\$0 00	\$100,000 00	\$0 00
Emory University 1599 Clifton rd Atlanta, GA 30322 <i>Information Bottlenecks and the Neural Control of Behavior in Fruit Flies</i> \$100,000 00 2019		\$0 00	\$100,000 00	\$0 00	\$100,000 00	\$0 00
Emory University 1599 Clifton rd Atlanta, GA 30322 <i>2019 CS Regional Meeting in Atlanta</i> \$6,000 00 2019		\$0 00	\$6,000 00	\$0 00	\$6,000 00	\$0 00

RESEARCH CORPORATION
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ATTACHMENT TO FORM 990-PF, PART XV

EIN 13-1963407

Fiscal Year 2019

Amount Paid \$36,667 00
Ending Balance \$0 00

Amended \$0 00
Newly Allocated \$0 00
Beginning Balance \$36,667 00
Tax Status

Recipient and/or Purpose
Florida State University
600 W College Avenue
Tallahassee, FL 32306
*Solid Electrolytes with Entropy-Enhanced
Ionic Conductivity and Stability for High-
Energy-Density Lithium Batteries*
\$36,667 00
2018

Florida State University
600 W College Avenue
Tallahassee, FL 32306
*Solid Electrolytes with Dual Li- and F-ion
Conductivity to Overcome the Tyranny of
Gravimetric Capacity*
\$55,000 00
2019

Indiana University at South Bend
1700 Mishawaka Avenue
South Bend, IN 46634
*Reversible Self-assembly of Bio-responsive
Nanostructures*
\$100,000 00
2019

Indiana University Bloomington
900 E 7th Street
Bloomington, IN 47405
*Disorder and Interactions in Morfe
Butterflies*
\$50,000 00
2019

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ATTACHMENT TO FORM 990-PF, PART XV

EIN 13-1963407

Fiscal Year 2019

Amount Paid \$100,000 00
Ending Balance \$0 00

Amended \$0 00
Newly Allocated \$100,000 00
Beginning Balance \$0 00
Tax Status

Recipient and/or Purpose
Iowa State University
2224 Osborn Dr
Ames, IA 50011
Extracting Kinetic Rate Constants from
Bipolar Electrochemistry AC Voltammetry
of Electrically Coupled Faradaic Reactions
\$100,000 00
2019

James Madison University
800 S Main Street
Harrisonburg, VA 22807
Laser Spectroscopic Investigation of
Atmospherically Important Complexes at
Ultra Low Temperature
\$100,000 00
2019

Johns Hopkins University
3400 N Charles Street
Baltimore, MD 21218
Symposium Honoring Dr Robert Lichter at
the 259th ACS National Meeting
\$2,500 00
2019

Macalester College
1600 Grand Ave
St Paul, MN 55105
Cationically Supercharged Electron
Acceptors
\$100,000 00
2019

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ATTACHMENT TO FORM 990-PF, PART XV

EIN 13-1963407

Fiscal Year 2019

Amount Paid \$100,000 00
Ending Balance \$0 00

Amended \$0 00
Newly Allocated \$100,000 00
Beginning Balance \$0 00

Tax Status

Recipient and/or Purpose

Massachusetts Institute of Technology

77 Massachusetts Avenue
Cambridge, MA 02139
Closing in on Sterile Neutrino Dark Matter
with NuSTAR
\$100,000 00
2019

New Venture Fund (NVF)

1201 Connecticut Avenue, NW
Suite 300
Washington, DC 20036
2019 SPA Membership Contribution
\$100,000 00
2019

North Carolina State University

Raleigh, NC 27695
DIRECT Designer Interfacial Reactivity
via Electrostatically-Enhanced Charge
Transfer
\$55,000 00
2019

Northwestern University

633 Clark Street
Evanston, IL 60208
Discovering Quiescent Supermassive Black
Holes in NGC Galaxies with TESS
\$55,000 00
2019

Ohio State University

151 W Woodruff Ave
Columbus, OH 43210
Assessing Stellar Feedback in Massive
Star-Forming Regions
\$100,000 00
2019

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ATTACHMENT TO FORM 990-PF, PART XV

EIN 13-1963407

Fiscal Year 2019

Recipient and/or Purpose	Tax Status	Beginning Balance	Newly Allocated	Amended	Amount Paid	Ending Balance
Purdue University		\$55,000 00	\$0 00	\$0 00	\$55,000 00	\$0 00
1205 W State St West Lafayette, IN 47907 <i>Synthetic Organellar Biology Engineering</i> <i>Photosynthetic Animal Cells</i> \$55,000 00 2018						
Purdue University		\$36,667 00	\$0 00	\$0 00	\$36,667 00	\$0 00
1205 W State St West Lafayette, IN 47907 <i>Probing the Mechanics of a Molecularly</i> <i>Tailored Solid/Solid Interface</i> \$36,667 00 2018						
Purdue University		\$0 00	\$50,000 00	\$0 00	\$50,000 00	\$0 00
1205 W State St West Lafayette, IN 47907 <i>Understanding Surface Probe Images in</i> <i>Strongly Correlated Quantum Matter Via</i> <i>Machine Learning</i> \$50,000 00 2019						
Research Corporation for Science Advancement		\$0 00	\$25,000 00	\$0 00	\$0 00	\$25,000 00
4703 E Camp Lowell Drive Suite 201 Tucson, AZ 85712 <i>TEST</i> \$25,000 00 2019						

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ATTACHMENT TO FORM 990-PF, PART XV

EIN 13-1963407

Fiscal Year 2019

Recipient and/or Purpose	Tax Status	Beginning Balance	Newly Allocated	Amended	Amount Paid	Ending Balance
Rochester Institute of Technology One Lomb Memorial Drive Rochester, NY 14623 <i>Beyond Gaia Expanding the Dynamical Map of the Milky Way with Asteroseismic Distances</i> \$25,000 00 2019		\$0 00	\$25,000 00	\$0 00	\$25,000 00	\$0 00
Rutgers University, Newark 249 University Avenue Newark, NJ 07102 <i>Time-Dependent Density Functional Theory (TDDFT)</i> \$2,500 00 2019		\$0 00	\$2,500 00	\$0 00	\$2,500 00	\$0 00
Saint Mary's College Notre Dame, IN 46556 <i>Communicating Science 12 Profound Scientific Breakthroughs</i> \$25,000 00 2019		\$0 00	\$25,000 00	\$0 00	\$25,000 00	\$0 00
Santa Clara University 500 El Camino Real Santa Clara, CA 95053 <i>Development of the "Enhancing Science Courses by Integrating Python (ESCIPI)" Network</i> \$25,000 00 2019		\$0 00	\$25,000 00	\$0 00	\$25,000 00	\$0 00
Science Friday 19 W 44th Street, Suite 412 New York, NY 10036 <i>2019-2020 Proposal for Science Friday Initiative</i> \$25,000 00 2019		\$0 00	\$25,000 00	\$0 00	\$25,000 00	\$0 00

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

EIN 13-1963407

Fiscal Year 2019

Recipient and/or Purpose	Tax Status	Beginning Balance	Newly Allocated	Amended	Amount Paid	Ending Balance
Southern Arizona Regional Science & Engineering Fair (SARSEF) 3247 N Christmas Avenue Tucson, AZ 85716 <i>Leonardo De Vinci Level Award</i> \$5,000 00 2019	501(c)(3)	\$0 00	\$5,000 00	\$0 00	\$5,000 00	\$0 00
Southern Illinois University Carbondale Office of Sponsored Projects Administration 900 S. Normal Avenue Carbondale, IL 62901 <i>Investigating hyperpolarized ¹³¹Xe as a potential neutron scattering target in searches for new physics beyond the Standard Model</i> \$50,000 00 2019		\$0 00	\$50,000 00	\$0 00	\$50,000 00	\$0 00
Swarthmore College 500 College Avenue Swarthmore, PA 19081 <i>Fundamental Tests of Gravity Across Time, Space and Mass</i> \$100,000 00 2019		\$0 00	\$100,000 00	\$0 00	\$100,000 00	\$0 00
Texas Tech University 2500 Broadway Lubbock, TX 79409 <i>Discovering Quiescent Supermassive Black Holes in NGC Galaxies with TESS</i> \$55,000 00 2019		\$0 00	\$55,000 00	\$0 00	\$55,000 00	\$0 00

RESEARCH CORPORATION
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ATTACHMENT TO FORM 990-PF, PART XV

EIN 13-1963407

Fiscal Year 2019

Amount Paid \$55,000 00
Ending Balance \$0 00

Newly Allocated \$55,000 00
Amended \$0 00
Beginning Balance \$0 00

Tax Status

Recipient and/or Purpose

University of Arizona

1200 E University Blvd

Tucson, AZ 85721

Identifying and detecting diseases prior to physical presentation of symptoms

\$55,000 00

2019

University of Arizona

1200 E University Blvd

Tucson, AZ 85721

\$5,000 00

2019

University of Arizona Foundation

1111 N Cherry Avenue

Tucson, AZ 85721

Arizona Assurance Endowment

\$20,000 00

2019

University of

Corporate & Community Engagement

1025 E 4th Street

Gould Simpson 1025

Tucson, AZ 85721

University of Arizona - 2020 Lecture Series

"Catalysts of Change"

\$25,000 00

2019

University of California, Berkeley

Department of Physics

301C LeConte hall

Berkeley, CA 94720

Synthetic Organelle Biology Engineering

Photosynthetic Animal Cells

\$55,000 00

2018

RESEARCH CORPORATION
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ATTACHMENT TO FORM 990-PF, PART XV

EIN 13-1963407

Fiscal Year 2019

Recipient and/or Purpose	Tax Status	Beginning Balance	Newly Allocated	Amended	Amount Paid	Ending Balance
University of California, Berkeley Department of Physics 301C LeConte hall Berkeley, CA 94720 <i>Scaling the sensitivity gap to probe interfaces of high voltage cathodes</i> \$55,000 00 2018		\$55,000 00	\$0 00	\$0 00	\$55,000 00	\$0 00
University of California, San Diego 9500 Gilman Drive La Jolla, CA 92093 <i>Solid Electrolytes with Entropy-Enhanced Ionic Conductivity and Stability for High- Energy-Density Lithium Batteries</i> \$36,667 00 2018		\$36,667 00	\$0 00	\$0 00	\$36,667 00	\$0 00
University of Hawaii 2444 Dole Street Honolulu, HI 96822 <i>Beyond Gaia Expanding the Dynamical Map of the Milky Way with Asteroseismic Distances</i> \$55,000 00 2019		\$0 00	\$55,000 00	\$0 00	\$55,000 00	\$0 00
University of Houston 4800 Calhoun Road Houston, TX 77004 <i>A Porosity-free Sodium Glass Electrolyte Formed at Room Temperature Integrated Experimental and Theoretical Approach</i> \$55,000 00 2019		\$0 00	\$55,000 00	\$0 00	\$0 00	\$55,000 00

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

EIN 13-1963407

Fiscal Year 2019

Amount Paid \$55,000 00
Ending Balance \$0 00

Recipient and/or Purpose	Tax Status	Beginning Balance	Newly Allocated	Amended	Amount Paid	Ending Balance
University of Illinois at Chicago 1200 W Harrison Street Chicago, IL 60607 <i>Identifying and detecting diseases prior to physical presentation of symptoms</i> \$55,000 00 2019		\$0 00	\$55,000 00	\$0 00	\$55,000 00	\$0 00
University of Illinois at Chicago 1200 W Harrison Street Chicago, IL 60607 <i>Solid Electrolytes with Dual Li-and F-ion Conductivity to Overcome the Tyranny of Gravimetric Capacity</i> \$55,000 00 2019		\$0 00	\$55,000 00	\$0 00	\$55,000 00	\$55,000 00
University of Illinois at Urbana-Champaign 600 South Mathews Avenue, RAL 314B Urbana, IL 61801 <i>Discovering Quiescent Supermassive Black Holes in NGC Galaxies with TESS</i> \$55,000 00 2019		\$0 00	\$55,000 00	\$0 00	\$55,000 00	\$0 00
University of Illinois at Urbana-Champaign 600 South Mathews Avenue, RAL 314B Urbana, IL 61801 <i>DIRECT Designer Interfacial Reactivity via Electrostatically-Enhanced Charge Transfer</i> \$55,000 00 2019		\$0 00	\$55,000 00	\$0 00	\$55,000 00	\$55,000 00

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

EIN 13-1963407

Fiscal Year 2019

Amount Paid
\$36,667 00

Ending Balance
\$0 00

Amended
\$0 00

Newly Allocated
\$0 00

Beginning Balance
\$36,667 00

Tax Status

Recipient and/or Purpose
University of Kentucky

Lexington, KY 40506
*Probing the Mechanisms of a Molecularly
Tailored Solid/Solid Interface*
\$36,667 00
2018

University of Michigan

500 S State Street
Ann Arbor, MI 48109
*Selective Electrocatalysis by Polymer-
Encapsulated Catalysts the Role of
Charge and Substrate Transport on
Catalytic Efficiency*
\$100,000 00
2019

University of Michigan

500 S State Street
Ann Arbor, MI 48109
*Exo-Cartography Resolving Three-
Dimensional Images of Extrasolar Worlds*
\$100,000 00
2019

University of Michigan

500 S State Street
Ann Arbor, MI 48109
*Biocatalytic Reactions for Selective,
Sustainable Synthesis and Engaging
Graduate Student Instructors for Improved
Outcomes in Organic Chemistry*
\$100,000 00
2019

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

EIN 13-1963407

Fiscal Year 2019

Recipient and/or Purpose	Tax Status	Beginning Balance	Newly Allocated	Amended	Amount Paid	Ending Balance
University of Michigan 500 S. State Street Ann Arbor, MI 48109 <i>A Porosity-free Sodium Glass Electrolyte Formed at Room Temperature Integrated Experimental and Theoretical Approach</i> \$55,000 00 2019		\$0 00	\$55,000 00	\$0 00	\$0 00	\$55,000 00
Missouri University of Science & Technology 1870 Miner Circle Rolla, MO 65409 <i>Fractional random walk approach to serotonergic fibers</i> \$50,000 00 2019		\$0 00	\$50,000 00	\$0 00	\$50,000 00	\$0 00
University of New Mexico One University of New Mexico Albuquerque, NM 87131 <i>Hyperpolarization and Detection of Nuclear Magnetic Resonance Using Nitrogen Vacancy Centers in Diamond</i> \$100,000 00 2019		\$0 00	\$100,000 00	\$0 00	\$100,000 00	\$0 00
University of Pennsylvania 231 S. 34th Street Philadelphia, PA 19104 <i>Beyond Gaia: Expanding the Dynamical Map of the Milky Way with Asteroseismic Distances</i> \$55,000 00 2019		\$0 00	\$55,000 00	\$0 00	\$55,000 00	\$0 00

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

EIN 13-1963407

Fiscal Year 2019

Recipient and/or Purpose	Tax Status	Beginning Balance	Newly Allocated	Amended	Amount Paid	Ending Balance
University of Richmond 28 Westhampton Way Richmond, VA 23173 <i>ACS Award for Research at an Undergraduate Institution</i> \$5,000 00 2019		\$0 00	\$5,000 00	\$0 00	\$5,000 00	\$0 00
University of Rochester 500 Joseph C. Wilson Blvd Rochester, NY 14627 <i>Metal Oxide Clusters as Models for Investigating the Role of Oxygen Vacancies in Small Molecule Activation</i> \$100,000 00 2019		\$0 00	\$100,000 00	\$0 00	\$100,000 00	\$0 00
University of San Diego 5998 Alcala Park San Diego, CA 92110 <i>Optical Microscopy of Sheared Phase-Separating Soft Matter Systems</i> \$100,000 00 2019		\$0 00	\$100,000 00	\$0 00	\$100,000 00	\$0 00
University of San Diego 5998 Alcala Park San Diego, CA 92110 <i>Frontiers in Soft Matter and Macromolecular Networks</i> \$5,000 00 2019		\$0 00	\$5,000 00	\$0 00	\$5,000 00	\$0 00

EIN 13-1963407

Recipient and/or Purpose
University of Southern California

University Park Campus

Los Angeles, CA 90007

Solid Electrolytes with Dual Li- and F-Ion

Conductivity to Overcome the Tyranny of

Gravimetric Capacity

\$55 000 00

2019

\$55,000.00

University Park Campus

Los Angeles CA 90007

DIRECT Designer Interfacial Reactivity

via Electrostatically-Enhanced Charge

Transfer

00 000 558
00 000 558
00 000 558

2019, 2020

00 0\$

204 E Dean Keeton SL, Stop C2200

Austin, TX 78705

Diverse Perspectives

and Gas on Cosmic History and Equiv-

Minded Inquiry-based Astronomy

\$100,000.00

2019

\$0.00

University of Utah

75 S 2000 E

Salt Lake City, UT 84112

Probing the Mechanisms of a Molecularly

Tailored Solid/Solid Interface

\$36 667 00

2018

RESEARCH CORPORATION
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ATTACHMENT TO FORM 990-PF, PART XV

EIN 13-1963407

Fiscal Year 2019

Recipient and/or Purpose	Tax Status	Beginning Balance	Newly Allocated	Amended	Amount Paid	Ending Balance
University of Washington 1410 NE Campus Parkway Seattle, WA 98195 <i>New Perspectives on Dying Stars</i> \$100,000 00 2019		\$0 00	\$100,000 00	\$0 00	\$100,000 00	\$0 00
Vanderbilt University 2301 Vanderbilt Place Nashville, TN 37235 <i>The Cottrell Emerging Scholars Program</i> <i>Enhancing the Successful Transition of</i> <i>Underrepresented Postdoctoral Scholars</i> <i>into the Professoriate</i> \$25,000 00 2019		\$0 00	\$25,000 00	\$0 00	\$25,000 00	\$0 00
West Virginia University 1500 University Avenue Morgantown, WV 26506 <i>Understanding the Rapid Dropout of Killer</i> <i>Electrons in Earth's Radiation Belt with a</i> <i>New and Comprehensive Model</i> \$100,000 00 2019		\$0 00	\$100,000 00	\$0 00	\$100,000 00	\$0 00
Western Washington University 516 High Street Bellingham, WA 98225 \$2,500 00 2019		\$0 00	\$2,500 00	\$0 00	\$2,500 00	\$0 00
Whitehead Inst. for Biomedical Research 455 Main Street Cambridge, MA 02142 <i>Synthetic Organelle Biology Engineering</i> <i>Photosynthetic Animal Cells</i> \$55,000 00 2018		\$55,000 00	\$0 00	\$0 00	\$55,000 00	\$0 00

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

EIN 13-1963407

Fiscal Year 2019

Recipient and/or Purpose	Tax Status	Beginning Balance	Newly Allocated	Amended	Amount Paid	Ending Balance
William Paterson University 300 Pompton Road Wayne, NJ 07470 <i>Polaritonic Chemistry with Hybrid Nanoparticles</i> \$100,000 00 2019		\$0 00	\$100,000 00	\$0 00	\$100,000 00	\$0 00
Grand Totals (79 items)		\$525,002 00	\$4,122,000 00	\$0 00	\$4,117,002 00	\$530,000 00
Cottrell Scholars Impact Award					\$5,000 00	\$0 00
Cottrell Scholars STAR Awards					\$15,000 00	\$0 00
Award to Kathy Eckert					\$0 00	(\$25,000 00)
Other charitable contributions (see next page)					\$11,270 00	\$0 00
ADJUSTED TOTAL TO PART XV, LINES 3A AND 3B					\$4,148,272 00	\$505,000 00

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Other Charitable Contributions

YMCA of Southern Arizona	1,000 00
Lifeflight of Maine	1,000 00
ALS Association Arizona Chapter	500 00
Coronado Area Council of the Boy Scouts	1,000 00
Educational Enrichment Foundation	1,000 00
Washington University in St Louis	250 00
Tucson Festival of Books	5,000 00
Community Food Bank of Southern Arizona	1,520 00
	<u>11,270 00</u>