

Form **990**
Department of the Treasury
Internal Revenue Service

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)
Do not enter social security numbers on this form as it may be made public
Information about Form 990 and its instructions is at www.irs.gov/form990

OMB No 1545-0047
2016
Open to Public Inspection

A For the 2016 calendar year, or tax year beginning 01-01-2016, and ending 12-31-2016

- B** Check if applicable
 Address change
 Name change
 Initial return
 Final
 Return/terminated
 Amended return
 Application pending

C Name of organization
AMERICAN CHEMICAL SOCIETY
% BRIAN A BERNSTEIN ACS
Doing business as
Number and street (or P O box if mail is not delivered to street address) Room/suite
1155 SIXTEENTH STREET NW
City or town, state or province, country, and ZIP or foreign postal code
WASHINGTON, DC 200364892

D Employer identification number
53-0196572
E Telephone number
(202) 872-6133
G Gross receipts \$ 1,764,046,408

F Name and address of principal officer
Thomas M Connelly Jr
1155 SIXTEENTH STREETNW
WASHINGTON, DC 200364892
I Tax-exempt status 501(c)(3) 501(c) () ◀ (insert no) 4947(a)(1) or 527
J Website: ▶ [HTTPS //WWW ACS ORG](https://www.acs.org)

H(a) Is this a group return for subordinates? Yes No
H(b) Are all subordinates included? Yes No
If "No," attach a list (see instructions)
H(c) Group exemption number ▶ 0945

K Form of organization Corporation Trust Association Other ▶

L Year of formation 1938 **M** State of legal domicile

Part I Summary

1 Briefly describe the organization's mission or most significant activities
The ACS is a federally chartered organization whose mission is to advance the broader chemistry ENTERPRISE AND ITS PRACTITIONERS for the benefit of earth & its people

2 Check this box if the organization discontinued its operations or disposed of more than 25% of its net assets

3 Number of voting members of the governing body (Part VI, line 1a)	15
4 Number of independent voting members of the governing body (Part VI, line 1b)	15
5 Total number of individuals employed in calendar year 2016 (Part V, line 2a)	2,121
6 Total number of volunteers (estimate if necessary)	100,290
7a Total unrelated business revenue from Part VIII, column (C), line 12	21,391,318
7b Net unrelated business taxable income from Form 990-T, line 34	

	Prior Year	Current Year
8 Contributions and grants (Part VIII, line 1h)	5,940,876	3,590,485
9 Program service revenue (Part VIII, line 2g)	493,388,637	509,531,150
10 Investment income (Part VIII, column (A), lines 3, 4, and 7d)	60,063,431	17,077,720
11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	2,824,862	2,674,162
12 Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)	562,217,806	532,873,517

13 Grants and similar amounts paid (Part IX, column (A), lines 1-3)	24,421,036	25,891,657
14 Benefits paid to or for members (Part IX, column (A), line 4)	0	0
15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	241,959,243	236,900,534
16a Professional fundraising fees (Part IX, column (A), line 11e)	0	0
b Total fundraising expenses (Part IX, column (D), line 25) ▶ 1,231,203		
17 Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	259,750,780	268,051,226
18 Total expenses Add lines 13-17 (must equal Part IX, column (A), line 25)	526,131,059	530,843,417
19 Revenue less expenses Subtract line 18 from line 12	36,086,747	2,030,100

	Beginning of Current Year	End of Year
20 Total assets (Part X, line 16)	1,306,055,870	1,356,128,685
21 Total liabilities (Part X, line 26)	468,468,923	478,021,985
22 Net assets or fund balances Subtract line 21 from line 20	837,586,947	878,106,700

Part II Signature Block

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 officer) is based on all information of which preparer has any knowledge

Sign Here
Signature of officer
Date 2017-11-10
BRIAN A BERNSTEIN TREASURER & CFO
Type or print name and title

Paid Preparer Use Only
Print/Type preparer's name Raymond LY
Preparer's signature Raymond LY
Date
Check if self-employed PTIN P01205643
Firm's name ▶ KPMG LLP Firm's EIN ▶
Firm's address ▶ 1676 INTERNATIONAL DRIVE Phone no (703) 286-8000
MCLEAN, VA 22102

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line in this Part III

1 Briefly describe the organization's mission
 THE AMERICAN CHEMICAL SOCIETY IS A FEDERALLY CHARTERED ORGANIZATION WHOSE MISSION IS TO ADVANCE THE BROADER CHEMISTRY ENTERPRISE AND ITS PRACTITIONERS FOR THE BENEFIT OF EARTH AND ITS PEOPLE

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? Yes No
 If "Yes," describe these new services on Schedule O

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? Yes No
 If "Yes," describe these changes on Schedule O

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported

4a (Code) (Expenses \$ 387,080,263 including grants of \$) (Revenue \$ 478,212,331)
 See Additional Data

4b (Code) (Expenses \$ 49,229,208 including grants of \$ 5,709,157) (Revenue \$ 17,476,255)
 See Additional Data

4c (Code) (Expenses \$ 23,296,718 including grants of \$ 20,182,500) (Revenue \$)
 See Additional Data

4d Other program services (Describe in Schedule O)
 (Expenses \$ 14,806,039 including grants of \$) (Revenue \$ 13,865,999)

4e Total program service expenses ▶ 474,412,228

Part IV Checklist of Required Schedules

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? <i>If "Yes," complete Schedule A</i>	Yes	
2 Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> (see instructions)?	Yes	
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? <i>If "Yes," complete Schedule C, Part I</i>		No
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? <i>If "Yes," complete Schedule C, Part II</i>	Yes	
5 Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? <i>If "Yes," complete Schedule C, Part III</i>		No
6 Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? <i>If "Yes," complete Schedule D, Part I</i>		No
7 Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? <i>If "Yes," complete Schedule D, Part II</i>		No
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III</i>		No
9 Did the organization report an amount in Part X, line 21 for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X, or provide credit counseling, debt management, credit repair, or debt negotiation services? <i>If "Yes," complete Schedule D, Part IV</i>		No
10 Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? <i>If "Yes," complete Schedule D, Part V</i>	Yes	
11 If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable		
a Did the organization report an amount for land, buildings, and equipment in Part X, line 10? <i>If "Yes," complete Schedule D, Part VI</i>	Yes	
b Did the organization report an amount for investments—other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VII</i>	Yes	
c Did the organization report an amount for investments—program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VIII</i>		No
d Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part IX</i>		No
e Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X</i>	Yes	
f Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? <i>If "Yes," complete Schedule D, Part X</i>	Yes	
12a Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI and XII</i>		No
b Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional</i>	Yes	
13 Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E</i>		No
14a Did the organization maintain an office, employees, or agents outside of the United States?	Yes	
b Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? <i>If "Yes," complete Schedule F, Parts I and IV</i>	Yes	
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? <i>If "Yes," complete Schedule F, Parts II and IV</i>	Yes	
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? <i>If "Yes," complete Schedule F, Parts III and IV</i>	Yes	
17 Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? <i>If "Yes," complete Schedule G, Part I</i> (see instructions)		No
18 Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? <i>If "Yes," complete Schedule G, Part II</i>		No
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III</i>		No

Part IV Checklist of Required Schedules (continued)

	Yes	No
20a Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>		No
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
21 Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>	Yes	
22 Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i>	Yes	
23 Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J</i>	Yes	
24a Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a</i>		No
b Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?		
c Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?		
d Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?		
25a Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>		No
b Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>		No
26 Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If "Yes," complete Schedule L, Part II</i>		No
27 Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III</i>		No
28 Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions)		
a A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>		No
b A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>		No
c An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV</i>		No
29 Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	Yes	
30 Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i>		No
31 Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>		No
32 Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i>		No
33 Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i>		No
34 Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1</i>	Yes	
35a Did the organization have a controlled entity within the meaning of section 512(b)(13)?	Yes	
b If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2</i>	Yes	
36 Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>		No
37 Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i>		No
38 Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? Note. All Form 990 filers are required to complete Schedule O	Yes	

Part V Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response or note to any line in this Part V [X]

Table with columns for question ID, question text, and Yes/No response boxes. Includes sections for backup withholding, employee reporting, foreign accounts, prohibited transactions, charitable contributions, and other IRS filings.

Part VI Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No" response to lines 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O See instructions

Check if Schedule O contains a response or note to any line in this Part VI [X]

Section A. Governing Body and Management

Table with 3 columns: Question, Yes, No. Rows include: 1a Enter the number of voting members of the governing body at the end of the tax year (15); 1b Enter the number of voting members included in line 1a, above, who are independent (15); 2 Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee? (Yes); 3 Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors or trustees, or key employees to a management company or other person? (No); 4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed? (No); 5 Did the organization become aware during the year of a significant diversion of the organization's assets? (Yes); 6 Did the organization have members or stockholders? (Yes); 7a Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body? (Yes); 7b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body? (No); 8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following: 8a The governing body? (Yes); 8b Each committee with authority to act on behalf of the governing body? (Yes); 9 Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O (No)

Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)

Table with 3 columns: Question, Yes, No. Rows include: 10a Did the organization have local chapters, branches, or affiliates? (Yes); 10b If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes? (Yes); 11a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form? (Yes); 11b Describe in Schedule O the process, if any, used by the organization to review this Form 990; 12a Did the organization have a written conflict of interest policy? If "No," go to line 13 (Yes); 12b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts? (Yes); 12c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done (Yes); 13 Did the organization have a written whistleblower policy? (Yes); 14 Did the organization have a written document retention and destruction policy? (Yes); 15 Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision? 15a The organization's CEO, Executive Director, or top management official (Yes); 15b Other officers or key employees of the organization (Yes); If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions); 16a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year? (No); 16b If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?

Section C. Disclosure

Table with 3 columns: Question, Yes, No. Rows include: 17 List the States with which a copy of this Form 990 is required to be filed (AL, AK, AR, CA, CT, FL, GA, HI, IL, KS, KY, MD, MA, MI, MN, MS, NH, NJ, NM, NY, NC, OR, PA, RI, SC, TN, UT, VA, WV, WI); 18 Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply: [X] Own website, [] Another's website, [X] Upon request, [] Other (explain in Schedule O); 19 Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year; 20 State the name, address, and telephone number of the person who possesses the organization's books and records (BRIAN A BERNSTEIN ACS 1155 SIXTEENTH STREET NW WASHINGTON, DC 20036 (202) 872-6133)

Part VIII Statement of Revenue

Check if Schedule O contains a response or note to any line in this Part VIII

			(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514	
Contributions, Gifts, Grants and Other Similar Amounts	1a Federated campaigns	1a					
	b Membership dues	1b					
	c Fundraising events	1c					
	d Related organizations	1d					
	e Government grants (contributions)	1e	659,860				
	f All other contributions, gifts, grants, and similar amounts not included above	1f	2,930,625				
	g Noncash contributions included in lines 1a-1f \$ _____		111,974				
	h Total. Add lines 1a-1f		3,590,485				
Program Service Revenue		Business Code					
	2a INFORMATION SERVICES	541800	478,212,331	470,770,908	7,380,224	61,199	
	b EDUCATION & MEMBERSHIP	541800	17,476,255	5,983,431	168,530	11,324,294	
	c MEMBER INSURANCE PROGRAM	525920	13,842,564		13,842,564		
	d _____						
	e _____						
	f All other program service revenue						
g Total. Add lines 2a-2f		509,531,150					
Other Revenue	3 Investment income (including dividends, interest, and other similar amounts)		19,874,728			19,874,728	
	4 Income from investment of tax-exempt bond proceeds		0				
	5 Royalties		2,650,728			2,650,728	
	6a Gross rents	(i) Real	(ii) Personal				
		29,578					
		b Less rental expenses	17,278				
		c Rental income or (loss)	12,300	0			
	d Net rental income or (loss)			12,300	12,300		
	7a Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other				
		1,228,358,605					
		b Less cost or other basis and sales expenses	1,231,155,613				
		c Gain or (loss)	-2,797,008				
	d Net gain or (loss)			-2,797,008		-2,797,008	
	8a Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18	a	0				
		b Less direct expenses	b	0			
c Net income or (loss) from fundraising events				0			
9a Gross income from gaming activities See Part IV, line 19	a	0					
	b Less direct expenses	b	0				
	c Net income or (loss) from gaming activities			0			
10a Gross sales of inventory, less returns and allowances	a	0					
	b Less cost of goods sold	b	0				
	c Net income or (loss) from sales of inventory			0			
Miscellaneous Revenue	Business Code						
11a MISCELLANEOUS REVENUE	900099	11,134	11,134				
b _____							
c _____							
d All other revenue							
e Total. Add lines 11a-11d		11,134					
12 Total revenue. See Instructions		532,873,517	476,777,773	21,391,318	31,113,941		

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Check if Schedule O contains a response or note to any line in this Part IX

	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.				
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21.	24,436,798	24,436,798		
2 Grants and other assistance to domestic individuals. See Part IV, line 22.	618,302	618,302		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, line 15 and 16.	836,557	836,557		
4 Benefits paid to or for members.	0			
5 Compensation of current officers, directors, trustees, and key employees.	4,407,217	1,855,504	2,551,713	
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B).	0			
7 Other salaries and wages.	177,489,320	155,622,524	21,163,694	703,102
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions).	18,638,579	14,475,592	4,136,572	26,415
9 Other employee benefits.	24,228,463	24,422,540	-305,387	111,310
10 Payroll taxes.	12,136,955	10,582,334	1,505,386	49,235
11 Fees for services (non-employees):				
a Management.	0			
b Legal.	1,223,982	475,576	748,406	
c Accounting.	440,814	15,000	425,814	
d Lobbying.	0			
e Professional fundraising services. See Part IV, line 17.	0			
f Investment management fees.	1,313,311	1,312,628		683
g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O).	118,717,069	113,825,398	4,815,252	76,419
12 Advertising and promotion.	13,355,727	13,294,508	60,519	700
13 Office expenses.	5,784,576	4,341,554	1,321,708	121,314
14 Information technology.	29,423,799	23,382,785	6,035,300	5,714
15 Royalties.	3,603,295	3,603,235	60	
16 Occupancy.	9,407,087	6,961,049	2,446,038	
17 Travel.	14,528,550	11,060,660	3,401,149	66,741
18 Payments of travel or entertainment expenses for any federal, state, or local public officials.	0			
19 Conferences, conventions, and meetings.	8,027,914	7,504,136	518,099	5,679
20 Interest.	0			
21 Payments to affiliates.	0			
22 Depreciation, depletion, and amortization.	27,542,336	20,977,664	6,564,672	
23 Insurance.	391,127	309,578	81,549	
24 Other expenses. Itemize expenses not covered above (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O):				
a PREMIUM	12,475,316	12,475,316		
b LIBRARY	7,870,981	7,298,752	569,045	3,184
c PUBLICATION AND DISTRIBUTION	3,934,999	3,934,999		
d EMPLOYEE TRAIN, DEV, RECRUIT	2,458,474	1,425,672	1,028,708	4,094
e All other expenses	7,551,869	9,363,567	-1,868,311	56,613
25 Total functional expenses. Add lines 1 through 24e.	530,843,417	474,412,228	55,199,986	1,231,203
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720).				

Part X Balance Sheet

Check if Schedule O contains a response or note to any line in this Part IX

		(A) Beginning of year		(B) End of year
Assets	1 Cash—non-interest-bearing	39,882,053	1	49,449,076
	2 Savings and temporary cash investments	22,880,843	2	34,019,084
	3 Pledges and grants receivable, net	3,265,906	3	2,438,839
	4 Accounts receivable, net	123,711,929	4	140,861,546
	5 Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees Complete Part II of Schedule L	0	5	0
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions) Complete Part II of Schedule L	0	6	0
	7 Notes and loans receivable, net	0	7	0
	8 Inventories for sale or use	223,212	8	274,872
	9 Prepaid expenses and deferred charges	18,753,901	9	19,055,038
	10a Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D	326,581,878		
	b Less accumulated depreciation	209,407,863		
		109,844,718	10c	117,174,015
	11 Investments—publicly traded securities	839,320,379	11	844,097,675
	12 Investments—other securities See Part IV, line 11	147,851,147	12	148,436,758
	13 Investments—program-related See Part IV, line 11	0	13	0
	14 Intangible assets	0	14	0
15 Other assets See Part IV, line 11	321,782	15	321,782	
16 Total assets. Add lines 1 through 15 (must equal line 34)	1,306,055,870	16	1,356,128,685	
Liabilities	17 Accounts payable and accrued expenses	63,537,796	17	67,738,056
	18 Grants payable	18,391,074	18	19,355,230
	19 Deferred revenue	197,125,827	19	219,022,739
	20 Tax-exempt bond liabilities	0	20	0
	21 Escrow or custodial account liability Complete Part IV of Schedule D	0	21	0
	22 Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons Complete Part II of Schedule L	0	22	0
	23 Secured mortgages and notes payable to unrelated third parties	0	23	0
	24 Unsecured notes and loans payable to unrelated third parties	0	24	0
	25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24) Complete Part X of Schedule D	189,414,226	25	171,905,960
	26 Total liabilities. Add lines 17 through 25	468,468,923	26	478,021,985
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.			
	27 Unrestricted net assets	202,322,436	27	247,798,158
	28 Temporarily restricted net assets	497,230,749	28	490,714,544
	29 Permanently restricted net assets	138,033,762	29	139,593,998
	Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.			
	30 Capital stock or trust principal, or current funds		30	
	31 Paid-in or capital surplus, or land, building or equipment fund		31	
	32 Retained earnings, endowment, accumulated income, or other funds		32	
33 Total net assets or fund balances	837,586,947	33	878,106,700	
34 Total liabilities and net assets/fund balances	1,306,055,870	34	1,356,128,685	

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response or note to any line in this Part XI

1	Total revenue (must equal Part VIII, column (A), line 12)	1	532,873,517
2	Total expenses (must equal Part IX, column (A), line 25)	2	530,843,417
3	Revenue less expenses Subtract line 2 from line 1	3	2,030,100
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	837,586,947
5	Net unrealized gains (losses) on investments	5	32,803,688
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain in Schedule O)	9	5,685,965
10	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	878,106,700

Part XII Financial Statements and Reporting

Check if Schedule O contains a response or note to any line in this Part XII

	Yes	No
<p>1 Accounting method used to prepare the Form 990 <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O</p>		
<p>2a Were the organization's financial statements compiled or reviewed by an independent accountant? If 'Yes,' check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis</p>	2a	No
<p>b Were the organization's financial statements audited by an independent accountant? If 'Yes,' check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both <input type="checkbox"/> Separate basis <input checked="" type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis</p>	2b	Yes
<p>c If "Yes," to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O</p>	2c	Yes
<p>3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?</p>	3a	No
<p>b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits</p>	3b	

Additional Data

Software ID:

Software Version:

EIN: 53-0196572

Name: AMERICAN CHEMICAL SOCIETY

Form 990 (2016)

Form 990, Part III, Line 4a:

Information Services - The American Chemical Society (ACS) achieves its goal to be an indispensable professional and information resource for members and other chemistry-related practitioners through two publishing divisions, chemical abstracts service(CAS) and ACS Publications. These divisions provide significant services to ACS members and the global scientific community with accurate, timely, and authoritative chemical and related scientific information. The CAS team of highly trained scientists finds, collects, and organizes all publicly disclosed substance information, creating the world's most valuable collection of content that is vital to innovation worldwide. Scientific researchers, patent professionals and business leaders around the world rely on a suite of research solutions from CAS that enable discovery and facilitate workflows to fuel tomorrow's innovation. The CAS REGISTRY(SM) is the largest and most authoritative collection of chemical substance information available to researchers. In addition to covering substances from journals and patents, CAS REGISTRY includes substances from chemical catalogs, worldwide governmental regulatory agencies and reputable web resources. CAS REGISTRY now contains more than 130 million unique organic and inorganic substances. CAS is creating solutions that improve efficiencies and accelerate scientific innovation around the world. In 2016, CAS continued its evolution from a publisher to a solutions provider. In addition to providing the largest and highest quality content, CAS added new solutions into its portfolio in 2016. -MethodsNow allows scientists to compare the largest collection of scientific methods, with instant access to reliable and actionable lab methods. -ChemZent(TM) allows scientists to navigate chemistry's earliest history with access to the first and only English-searchable version of Chemische Zentralblatt, the oldest journal of chemistry abstracts covering the literature from 1830-1969. CAS covers 63 worldwide patent authorities to ensure comprehensive patent information within its databases, including multiple basic coverage from all covered authorities. Supplementing the disclosed chemistry added to CAS databases from document analysis, CHEMCATS, the CAS chemical catalogs database, helps researchers more quickly locate the chemicals they need with direct access to hundreds of commercial chemical suppliers. Through an unparalleled commitment to quality, reliability, and innovation, ACS Publications serves the global scientific community as the leading publisher of 51 peer-reviewed research journals in the chemical and related sciences, and Chemical & Engineering News (C&EN), the leading news magazine of the chemical world. Through its journals, ACS provides the global scientific community with highly valued information in a cost-effective manner to foster scholarship and discovery in the chemical sciences and related disciplines. Living up to their reputation as "most trusted, most cited, and most read", more than 40,000 articles authored by research teams globally are selected annually for publication within the Society's peer-reviewed journals, through a rigorous editorial process that has solidified the Society's publishing portfolio as one of preeminence in terms of both subsequent literature citations and Impact Factor ranking metrics. ACS Central Science continued its progress to become the preeminent open access journal in chemistry, and one of the most impactful journals in the ACS portfolio. The Division continued to streamline e-commerce abilities to support Open Access options and improvements on journal home pages raised visibility of ACS Editors' Choice open access articles. ACS Publications delivered a record 93.8 million COUNTER-compliant downloads of articles to users during 2016. Readers worldwide viewed 182 million abstracts from across the online platform. A new metrics section was introduced to the feature display for ACS journal articles providing end users with a richer set of data about the individual research articles published across the ACS Journals portfolio. As of 2016, ACS2Go, the Division's new mobile delivery capability that enables subscriber access to the ACS Publications suite of electronic products on smartphones and tablet devices, has resulted in more than 650,000 unique smartphone and tablet devices having paired with the ACS Publications website. The ACS Publications International Symposium series was established with the inaugural event, Innovation in Molecular Science, successfully launched in partnership with the Institute of Chemistry, Chinese Academy of Sciences in Beijing. The symposia series will be a prominent global forum to expand international engagement with ACS. ACS Omega began publishing in 2016 as the Society's second fully open access journal, further expanding the global reach of the ACS Publications portfolio along with new journals ACS Sensors and ACS Energy Letters. ACS Omega also began featuring a new taxonomic filtering feature, allowing users to quickly narrow their results of ACS Omega articles, published across a broad multidisciplinary scope, to the disciplines and/or sub-disciplines of their interest.

Form 990, Part III, Line 4b:

Education and Membership - Teaching and learning chemistry in the context of our world is a hallmark of the resources, services, and products produced by ACS. Students and educators know that ACS is synonymous with quality. ACS continues to be a leader in science education - to inspire students to seek knowledge and careers in science and prepare them for the realities of the global marketplace. In 2016, ACS reached out to numerous elementary and secondary school students in new and innovative ways. ACS provided a new generation of undergraduate and graduate students with opportunities to learn skills that they will need to compete and succeed as they move forward with their careers. The American Association of Chemistry Teachers (AACT), launched in 2014, is the first national, chemistry-specific association of its kind dedicated to K-12 teachers. AACT ended 2016 with more than 4,000 members, 88 percent of whom are K-12 teachers. In 2016, AACT received \$95,000 in grants to support the development of online resources. The second and third DOW & AACT teacher summits were held in Louisiana and Texas with overwhelmingly positive results. One of ACS's most successful efforts, the ACS Scholars Program, continues to help underrepresented minority students achieve their dreams of obtaining degrees and careers in a broad range of chemical sciences. In all, nearly 2,900 African-American, Hispanic/Latino, and Native American students have participated in the program since 1995. Of those, 1,692 have earned bachelor's degrees in a chemical science and more than 268 of these ACS Scholars have gone on to earn doctoral degrees in chemistry, chemical engineering, or a related discipline. Another premier program, Project SEED, offers high school students the rare opportunity to work in academic, government, or industrial research laboratories for an eight-to-ten week term during the summer to engage in hands-on science research projects under the supervision of volunteer scientists. In 2016, 435 volunteer scientists and coordinators mentored 414 students in more than 120 institutions in 38 states, the District of Columbia and Puerto Rico. For the 2016-2017 school year, ACS awarded 31 Project SEED College Scholarships to alumni entering their freshman year in college. Three Project Seed College Scholars received the Ciba Specialty Chemicals scholarships for three-renewable years beginning with their sophomore year. ChemIDP, an online Individual Development Plan tool launched in 2015 and designed specifically for graduate students continued its expansion in 2016. Nine ChemIDP workshops were held at both the ACS national meetings, at regional meetings, and at Cornell University. The associated web tool was enhanced and updated to further serve graduate students and postdocs in the chemical sciences, with over 1,300 new user accounts created. In collaboration with the ACS committee on Chemical Safety the Education Division and Web Strategy and Operations launched a new website with a rich collection of methods and tools for assessing hazards in research laboratories. The resulting site is being used by educators as a core material for their chemical safety practices. To assist educators with integrating safety throughout the entire chemistry curriculum, ACS has issued new guidelines for use in secondary schools and other academic institutions. The guidelines include student learning outcome statements which clearly state the expected knowledge, skills, attitudes and competencies in the area of chemical safety that students are expected to acquire as they progress with their education. ACS MEMBERSHIP AND SCIENTIFIC ADVANCEMENT (M&SA) PROGRAMS ARE ADMINISTERED WITH THE VISION THAT ACS WILL BE THE PREMIER PROFESSIONAL MEMBERSHIP ORGANIZATIONS FOR ALL PRACTITIONERS OF CHEMISTRY. AS OF DECEMBER 31, 2016, THE ACS HAS MORE THAN 156,000 MEMBERS. Membership programs are built around five fundamental objectives - Advance the chemical sciences and technologies through the delivery of high quality programs that provide cutting-edge technical information to all practitioners of chemistry and chemical engineering, - Communicate the value of chemistry and chemical engineering to the public by providing excellent volunteer-based programs and activities to members, local sections, and technical divisions, - Support a diverse community of chemical professionals through value-based programs, services, and information that allow chemical practitioners to develop and manage their careers in a global environment, - Advance the frontiers of science in multidisciplinary, international context, ensure advances in scientific knowledge and education benefit the global scientific community, and to foster a lifelong connection among international chemical professionals to ACS, and - Advance the implementation of green chemistry and engineering principles into all aspects of the global chemistry enterprise. In 2016, the ACS held two national and seven regional meetings. More than 29,000 people attended the ACS national meetings and more than 21,000 scientific papers were delivered. ACS facilitated the organization of seven regional meetings which attracted more than 6,000 attendees and had more than 4,000 scientific papers. Membership continued to extend its multimedia broadcast program with two "Program in a Box" events. These broadcasts helped local sections and student chapters nationwide host onsite/online events featuring high-value online content, interactive social media and a ready-to-use kit to engage members and facilitate their learning and networking. In 2016, approximately 300 local sections, student chapters, and ChemClubs participated in the "Program in a Box" events, an increase of 40 over 2015 (which had about 260 participating groups). The ACS Office of International Activities (OIA) organized a number of key activities in 2016, advancing chemistry and the Society's commitment to "cooperate with scientists internationally and be concerned with the worldwide application of chemistry to the needs of humanity." In so doing, ACS developed new international chapters and alliances and advanced science and human rights. The ACS Career Navigator continues to provide members and other chemistry-related professionals with a one-stop-shop of key resources to help them succeed in the global chemistry enterprise with all stages of their careers. ACS Career Navigator seamlessly combines the offering of ACS Career Services, Professional Education, Leadership Development, and Market Intelligence into a single, unified experience for ACS members and potential members. In 2016, the ACS Career Navigator achieved more than 8,500 substantial interactions worldwide with ACS members and potential members to meet their professional needs. In 2016, increased focus was placed on retaining and attracting industry members, including new content, global events and outreach efforts to industrial scientists and their employers. Topical innovation conferences were organized with local chapters in foreign countries drawing more than 600 participants, high satisfaction, and new ACS members. A pilot workshop was organized on industry-university partnership at the Southwest Regional Meeting in Galveston, Texas. The ACS Green Chemistry Institute serves as a nexus, or green chemistry "HUB," by connecting an international network of practitioners from around the world, including government, industrial, academic, non-governmental organizations, and private sectors. The ACS GCI accomplishes this through programs in science and research, education and industry. The 20th annual Green Chemistry and Engineering Conference was a notable success, attracting 534 participants. Work in education moved forward through a green chemistry educational roadmap initiative and included a workshop to bring together leading green chemistry practitioners to advance the roadmap. Work with industrial roundtables was expanded through the launch of a new Biochemical Technology Leadership Roundtable which seeks to promote non-competitive science-based collaboration throughout the bio-based and renewable chemicals value chain.

Form 990, Part III, Line 4c:

ACS Petroleum Research Fund - The ACS Petroleum Research Fund is a permanently restricted endowment established to provide resources for advanced scientific education and fundamental research in the petroleum field, which may include any field of pure science which affords a basis for subsequent research directly connected with the petroleum field. In 2016, the ACS PRF funded 202 grants, totaling \$20.2 million. The grants included 78 New Directions grants, 82 Doctoral New Investigator grants, 20 Undergraduate Research grants, and 22 Undergraduate New Investigator grants. Sir J. Fraser Stoddart of Northwestern University became the 29th Noble Laureate with previous PRF support. The following types of grants are among those funded by the ACS Petroleum Research Fund:

- Research Grants for Fundamental Research in the Petroleum Field at PhD-Granting Institutions: Research grants to academic institutions for regularly appointed faculty scientists and engineers to assist advanced scientific education and fundamental research.
- Research Grants for Fundamental Research in the Petroleum Field at the Undergraduate level: Research grants to academic institutions on behalf of faculty members in departments not offering a doctoral degree, to support their research with participation by undergraduates.
- Research Grants for Fundamental Research in the Petroleum Field for New faculty: Starter grants to assist the research of young faculty members with a PhD degree who are within their first three years of their first academic appointment as regular faculty members of colleges and universities in the United States.

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors										
(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
DR PAT N CONFALONE CHAIR, BOD & DIRECTOR, DIST III	20 00	X		X				0	0	0
DR LAURA E PENCE DIRECTOR, DISTRICT I	10 00	X						0	0	0
DR GEORGE M BODNER DIRECTOR, DISTRICT II	10 00	X						0	0	0
PROF RIGOBERTO HERNANDEZ DIRECTOR, DISTRICT IV	10 00	X						0	0	0
DR JOHN E ADAMS DIRECTOR, DISTRICT V	10 00	X						0	0	0
DR PAUL W JAGODZINSKI DIRECTOR, DISTRICT VI	10 00	X						0	0	0
DR WILLIAM F CARROLL JR DIRECTOR-AT-LARGE	10 00	X						900	0	0
DR LEE H LATIMER DIRECTOR-AT-LARGE	10 00	X						0	0	0
DR INGRID MONTES DIRECTOR-AT-LARGE	10 00	X						0	0	0
DR DOROTHY J PHILLIPS DIRECTOR-AT-LARGE	10 00	X						0	0	0

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors										
(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
DR BARBARA A SAWREY DIRECTOR-AT-LARGE	10 0 0 0	X						0	0	0
DR KATHLEEN M SCHULZ DIRECTOR-AT-LARGE	10 0 0 0	X						0	0	0
DR DONNA NELSON PRESIDENT	30 0 0 0	X		X				0	0	0
DR ALLISON A CAMPBELL PRESIDENT-ELECT	10 0 0 0	X		X				0	0	0
DR DIANE GROB SCHMIDT IMMEDIATE PAST PRESIDENT	10 0 0 0	X		X				0	0	0
DR THOMAS M CONNELLY JR EXECUTIVE DIRECTOR & CEO	40 0 0 5	X		X				893,157	0	52,443
MR FLINT H LEWIS SECRETARY & GENERAL COUNSEL	40 0 1 5			X				442,258	0	54,170
MR BRIAN A BERNSTEIN TREASURER & CFO	40 0 0 7			X				537,467	0	51,737
MR MANUEL GUZMAN PRESIDENT, CAS	40 0 2 0				X			999,744	0	51,303
DR BRIAN D CRAWFORD PRESIDENT, PUBLICATIONS	40 0 0 0				X			756,630	0	46,927

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
MR JOHN R SULLIVAN CHIEF INFORMATION OFFICER	40 0 0 0				X			465,996	0	54,485
DR MATTHEW J TOUSSANT SVP, PRODUCT & CONTENT OPS,CAS	40 0 2 5					X		586,057	0	43,159
MR CONAL THOMPSON CTO & VP, INFORMATION TECH,CAS	40 0 0 5					X		508,410	0	48,508
DR MICHAEL DENNIS VP,LEGAL ADM, PMO & INNVTN,CAS	40 0 1 0					X		400,836	0	49,830
MR BRANDON NORDIN SVP, SALES MKTG DGT STGY, PUBS	40 0 2 0					X		380,908	0	42,364
MR CRAIG STEPHENS VP, SALES, CAS	40 0 3 0					X		356,164	0	52,917

SCHEDULE A
(Form 990 or
990EZ)

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.

▶ Attach to Form 990 or Form 990-EZ.

▶ Information about Schedule A (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

2016

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

Name of the organization
AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I Reason for Public Charity Status (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is (For lines 1 through 12, check only one box.)

- 1 A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i)**.
- 2 A school described in **section 170(b)(1)(A)(ii)**. (Attach Schedule E (Form 990 or 990-EZ))
- 3 A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii)**.
- 4 A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii)**. Enter the hospital's name, city, and state _____
- 5 An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv)**. (Complete Part II)
- 6 A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v)**.
- 7 An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi)**. (Complete Part II)
- 8 A community trust described in **section 170(b)(1)(A)(vi)** (Complete Part II)
- 9 An agricultural research organization described in **170(b)(1)(A)(ix)** operated in conjunction with a land-grant college or university or a non-land grant college of agriculture See instructions Enter the name, city, and state of the college or university _____
- 10 An organization that normally receives (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975 See **section 509(a)(2)**. (Complete Part III)
- 11 An organization organized and operated exclusively to test for public safety See **section 509(a)(4)**.
- 12 An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in **section 509(a)(1)** or **section 509(a)(2)**. See **section 509(a)(3)**. Check the box in lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g
 - a **Type I.** A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization **You must complete Part IV, Sections A and B.**
 - b **Type II.** A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s) **You must complete Part IV, Sections A and C.**
 - c **Type III functionally integrated.** A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions) **You must complete Part IV, Sections A, D, and E.**
 - d **Type III non-functionally integrated.** A supporting organization operated in connection with its supported organization(s) that is not functionally integrated The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions) **You must complete Part IV, Sections A and D, and Part V.**
 - e Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization
 - f Enter the number of supported organizations _____
 - g Provide the following information about the supported organization(s) _____

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1- 10 above (see instructions))	(iv) Is the organization listed in your governing document?		(v) Amount of monetary support (see instructions)	(vi) Amount of other support (see instructions)
			Yes	No		
Total						

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)

(Complete only if you checked the box on line 5, 7, 8, or 9 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶		(a)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
1	Gifts, grants, contributions, and membership fees received (Do not include any "unusual grant.")						
2	Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3	The value of services or facilities furnished by a governmental unit to the organization without charge						
4	Total. Add lines 1 through 3						
5	The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						
6	Public support. Subtract line 5 from line 4						

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶		(a)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
7	Amounts from line 4						
8	Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
9	Net income from unrelated business activities, whether or not the business is regularly carried on						
10	Other income (Do not include gain or loss from the sale of capital assets (Explain in Part VI))						
11	Total support. Add lines 7 through 10						
12	Gross receipts from related activities, etc. (see instructions)					12	
13	First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here ▶ <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

14	Public support percentage for 2016 (line 6, column (f) divided by line 11, column (f))	14	
15	Public support percentage for 2015 Schedule A, Part II, line 14	15	
16a	33 1/3% support test—2016. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
b	33 1/3% support test—2015. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
17a	10%-facts-and-circumstances test—2016. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
b	10%-facts-and-circumstances test—2015. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
18	Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions ▶ <input type="checkbox"/>		

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")	4,927,275	4,197,985	4,351,829	5,940,876	3,590,485	23,008,450
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose	456,355,794	461,959,907	467,818,907	475,742,273	488,139,832	2,350,016,713
3 Gross receipts from activities that are not an unrelated trade or business under section 513						0
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						0
5 The value of services or facilities furnished by a governmental unit to the organization without charge						0
6 Total. Add lines 1 through 5	461,283,069	466,157,892	472,170,736	481,683,149	491,730,317	2,373,025,163
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						0
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year						0
c Add lines 7a and 7b						0
8 Public support. (Subtract line 7c from line 6.)						2,373,025,163

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
9 Amounts from line 6	461,283,069	466,157,892	472,170,736	481,683,149	491,730,317	2,373,025,163
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	22,844,708	20,090,264	24,575,077	25,417,557	22,555,034	115,482,640
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						0
c Add lines 10a and 10b	22,844,708	20,090,264	24,575,077	25,417,557	22,555,034	115,482,640
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on	0	308,955	0	0	0	308,955
12 Other income (Do not include gain or loss from the sale of capital assets (Explain in Part VI))	31,767	32,921	16,016	18,216	11,134	110,054
13 Total support. (Add lines 9, 10c, 11, and 12.)	484,159,544	486,590,032	496,761,829	507,118,922	514,296,485	2,488,926,812
14 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here ▶ <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

15 Public support percentage for 2016 (line 8, column (f) divided by line 13, column (f))	15	95.343%
16 Public support percentage from 2015 Schedule A, Part III, line 15	16	95.165%

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2016 (line 10c, column (f) divided by line 13, column (f))	17	4.640%
18 Investment income percentage from 2015 Schedule A, Part III, line 17	18	4.816%

19a 33 1/3% support tests—2016. If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶

b 33 1/3% support tests—2015. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶

20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ▶

Part IV Supporting Organizations

(Complete only if you checked a box on line 12 of Part I. If you checked 12a of Part I, complete Sections A and B. If you checked 12b of Part I, complete Sections A and C. If you checked 12c of Part I, complete Sections A, D, and E. If you checked 12d of Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

		Yes	No
1	Are all of the organization's supported organizations listed by name in the organization's governing documents? If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.		
	1		
2	Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).		
	2		
3a	Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer (b) and (c) below.		
	3a		
b	Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in Part VI when and how the organization made the determination.		
	3b		
c	Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in Part VI what controls the organization put in place to ensure such use.		
	3c		
4a	Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes" and if you checked 12a or 12b in Part I, answer (b) and (c) below.		
	4a		
b	Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.		
	4b		
c	Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If "Yes," explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.		
	4c		
5a	Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in Part VI , including (i) the names and EIN numbers of the supported organizations added, substituted, or removed, (ii) the reasons for each such action, (iii) the authority under the organization's organizing document authorizing such action, and (iv) how the action was accomplished (such as by amendment to the organizing document).		
	5a		
b	Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
	5b		
c	Substitutions only. Was the substitution the result of an event beyond the organization's control?		
	5c		
6	Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? If "Yes," provide detail in Part VI .		
	6		
7	Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).		
	7		
8	Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).		
	8		
9a	Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? If "Yes," provide detail in Part VI .		
	9a		
b	Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? If "Yes," provide detail in Part VI .		
	9b		
c	Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? If "Yes," provide detail in Part VI .		
	9c		
10a	Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? If "Yes," answer line 10b below.		
	10a		
b	Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)		
	10b		

Part IV Supporting Organizations (continued)

		Yes	No
11	Has the organization accepted a gift or contribution from any of the following persons?		
a	A person who directly or indirectly controls, either alone or together with persons described in (b) and (c) below, the governing body of a supported organization?		
b	A family member of a person described in (a) above?		
c	A 35% controlled entity of a person described in (a) or (b) above? <i>If "Yes" to a, b, or c, provide detail in Part VI</i>		
		11a	
		11b	
		11c	

Section B. Type I Supporting Organizations

		Yes	No
1	Did the directors, trustees, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's directors or trustees at all times during the tax year? <i>If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove directors or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.</i>		
		1	
2	Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? <i>If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised or controlled the supporting organization.</i>		
		2	

Section C. Type II Supporting Organizations

		Yes	No
1	Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of each of the organization's supported organization(s)? <i>If "No," describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).</i>		
		1	

Section D. All Type III Supporting Organizations

		Yes	No
1	Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?		
		1	
2	Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization (s) or (ii) serving on the governing body of a supported organization? <i>If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).</i>		
		2	
3	By reason of the relationship described in (2), did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? <i>If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.</i>		
		3	

Section E. Type III Functionally-Integrated Supporting Organizations

1	Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions)		
a	<input type="checkbox"/> The organization satisfied the Activities Test. Complete line 2 below.		
b	<input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete line 3 below.		
c	<input type="checkbox"/> The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see instructions).		
2	Activities Test Answer (a) and (b) below.		
a	Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? <i>If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.</i>		
		2a	
b	Did the activities described in (a) constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? <i>If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.</i>		
		2b	
3	Parent of Supported Organizations Answer (a) and (b) below.		
a	Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? <i>Provide details in Part VI.</i>		
		3a	
b	Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? <i>If "Yes," describe in Part VI the role played by the organization in this regard.</i>		
		3b	

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations

- 1** Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970. **See instructions.** All other Type III non-functionally integrated supporting organizations must complete Sections A through E.

Section A - Adjusted Net Income

	(A) Prior Year	(B) Current Year (optional)
1 Net short-term capital gain	1	
2 Recoveries of prior-year distributions	2	
3 Other gross income (see instructions)	3	
4 Add lines 1 through 3	4	
5 Depreciation and depletion	5	
6 Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6	
7 Other expenses (see instructions)	7	
8 Adjusted Net Income (subtract lines 5, 6 and 7 from line 4)	8	

Section B - Minimum Asset Amount

	(A) Prior Year	(B) Current Year (optional)
1 Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year)	1	
a Average monthly value of securities	1a	
b Average monthly cash balances	1b	
c Fair market value of other non-exempt-use assets	1c	
d Total (add lines 1a, 1b, and 1c)	1d	
e Discount claimed for blockage or other factors (explain in detail in Part VI)		
2 Acquisition indebtedness applicable to non-exempt use assets	2	
3 Subtract line 2 from line 1d	3	
4 Cash deemed held for exempt use. Enter 1-1/2% of line 3 (for greater amount, see instructions)	4	
5 Net value of non-exempt-use assets (subtract line 4 from line 3)	5	
6 Multiply line 5 by .035	6	
7 Recoveries of prior-year distributions	7	
8 Minimum Asset Amount (add line 7 to line 6)	8	

Section C - Distributable Amount

		Current Year
1 Adjusted net income for prior year (from Section A, line 8, Column A)	1	
2 Enter 85% of line 1	2	
3 Minimum asset amount for prior year (from Section B, line 8, Column A)	3	
4 Enter greater of line 2 or line 3	4	
5 Income tax imposed in prior year	5	
6 Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	6	
7 <input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions)		

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations (continued)

Section D - Distributions	Current Year
1 Amounts paid to supported organizations to accomplish exempt purposes	
2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	
3 Administrative expenses paid to accomplish exempt purposes of supported organizations	
4 Amounts paid to acquire exempt-use assets	
5 Qualified set-aside amounts (prior IRS approval required)	
6 Other distributions (describe in Part VI) See instructions	
7 Total annual distributions. Add lines 1 through 6	
8 Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI) See instructions	
9 Distributable amount for 2016 from Section C, line 6	
10 Line 8 amount divided by Line 9 amount	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2016	(iii) Distributable Amount for 2016
1 Distributable amount for 2016 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2016 (reasonable cause required--see instructions)			
3 Excess distributions carryover, if any, to 2016			
a			
b			
c From 2013.			
d From 2014.			
e From 2015.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2016 distributable amount			
i Carryover from 2011 not applied (see instructions)			
j Remainder Subtract lines 3g, 3h, and 3i from 3f			
4 Distributions for 2016 from Section D, line 7			
\$			
a Applied to underdistributions of prior years			
b Applied to 2016 distributable amount			
c Remainder Subtract lines 4a and 4b from 4			
5 Remaining underdistributions for years prior to 2016, if any Subtract lines 3g and 4a from line 2 (if amount greater than zero, see instructions)			
6 Remaining underdistributions for 2016 Subtract lines 3h and 4b from line 1 (if amount greater than zero, see instructions)			
7 Excess distributions carryover to 2017. Add lines 3j and 4c			
8 Breakdown of line 7			
a			
b Excess from 2013.			
c Excess from 2014.			
d Excess from 2015.			
e Excess from 2016.			

Part VI Supplemental Information.

Provide the explanations required by Part II, line 10; Part II, line 17a or 17b; Part III, line 12; Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, and 11c; Part IV, Section B, lines 1 and 2; Part IV, Section C, line 1; Part IV, Section D, lines 2 and 3; Part IV, Section E, lines 1c, 2a, 2b, 3a and 3b; Part V, line 1; Part V, Section B, line 1e; Part V Section D, lines 5, 6, and 8; and Part V, Section E, lines 2, 5, and 6. Also complete this part for any additional information. (See instructions).

Facts And Circumstances Test

990 Schedule A, Supplemental Information

Return Reference	Explanation
PART III, LINE 12 - OTHER INCOME	OTHER INCOME WERE PRIMARILY FROM THE SALES OF PRINTED MATERIALS

Schedule A Form 990 of 990-E 2016

SCHEDULE C
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Political Campaign and Lobbying Activities

For Organizations Exempt From Income Tax Under section 501(c) and section 527
 ▶ Complete if the organization is described below. ▶ Attach to Form 990 or Form 990-EZ.
 ▶ Information about Schedule C (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047

2016

Open to Public Inspection

If the organization answered "Yes" on Form 990, Part IV, Line 3, or Form 990-EZ, Part V, line 46 (Political Campaign Activities), then

- Section 501(c)(3) organizations Complete Parts I-A and B Do not complete Part I-C
- Section 501(c) (other than section 501(c)(3)) organizations Complete Parts I-A and C below Do not complete Part I-B
- Section 527 organizations Complete Part I-A only

If the organization answered "Yes" on Form 990, Part IV, Line 4, or Form 990-EZ, Part VI, line 47 (Lobbying Activities), then

- Section 501(c)(3) organizations that have filed Form 5768 (election under section 501(h)) Complete Part II-A Do not complete Part II-B
- Section 501(c)(3) organizations that have NOT filed Form 5768 (election under section 501(h)) Complete Part II-B Do not complete Part II-A

If the organization answered "Yes" on Form 990, Part IV, Line 5 (Proxy Tax) (see separate instructions) or Form 990-EZ, Part V, line 35c (Proxy Tax) (see separate instructions), then

- Section 501(c)(4), (5), or (6) organizations Complete Part III

Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
---	--

Part I-A Complete if the organization is exempt under section 501(c) or is a section 527 organization.

1 Provide a description of the organization's direct and indirect political campaign activities in Part IV

2 Political expenditures ▶ \$ _____

3 Volunteer hours _____

Part I-B Complete if the organization is exempt under section 501(c)(3).

1 Enter the amount of any excise tax incurred by the organization under section 4955 ▶ \$ _____

2 Enter the amount of any excise tax incurred by organization managers under section 4955 ▶ \$ _____

3 If the organization incurred a section 4955 tax, did it file Form 4720 for this year? Yes No

4a Was a correction made? Yes No

b If "Yes," describe in Part IV

Part I-C Complete if the organization is exempt under section 501(c), except section 501(c)(3).

1 Enter the amount directly expended by the filing organization for section 527 exempt function activities ▶ \$ _____

2 Enter the amount of the filing organization's funds contributed to other organizations for section 527 exempt function activities ▶ \$ _____

3 Total exempt function expenditures Add lines 1 and 2 Enter here and on Form 1120-POL, line 17b ▶ \$ _____

4 Did the filing organization file Form 1120-POL for this year? Yes No

5 Enter the names, addresses and employer identification number (EIN) of all section 527 political organizations to which the filing organization made payments For each organization listed, enter the amount paid from the filing organization's funds Also enter the amount of political contributions received that were promptly and directly delivered to a separate political organization, such as a separate segregated fund or a political action committee (PAC) If additional space is needed, provide information in Part IV

(a) Name	(b) Address	(c) EIN	(d) Amount paid from filing organization's funds If none, enter -0-	(e) Amount of political contributions received and promptly and directly delivered to a separate political organization If none, enter -0-

Part II-A Complete if the organization is exempt under section 501(c)(3) and filed Form 5768 (election under section 501(h)).

- A** Check if the filing organization belongs to an affiliated group (and list in Part IV each affiliated group member's name, address, EIN, expenses, and share of excess lobbying expenditures)
- B** Check if the filing organization checked box A and "limited control" provisions apply

Limits on Lobbying Expenditures
(The term "expenditures" means amounts paid or incurred.)

	(a) Filing organization's totals	(b) Affiliated group totals
--	----------------------------------	-----------------------------

	(a) Filing organization's totals	(b) Affiliated group totals												
1a Total lobbying expenditures to influence public opinion (grass roots lobbying)														
b Total lobbying expenditures to influence a legislative body (direct lobbying)	355,518													
c Total lobbying expenditures (add lines 1a and 1b)	355,518													
d Other exempt purpose expenditures	523,742,979													
e Total exempt purpose expenditures (add lines 1c and 1d)	524,098,497													
f Lobbying nontaxable amount Enter the amount from the following table in both columns	1,000,000													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">If the amount on line 1e, column (a) or (b) is:</th> <th style="width: 50%;">The lobbying nontaxable amount is:</th> </tr> </thead> <tbody> <tr> <td>Not over \$500,000</td> <td>20% of the amount on line 1e</td> </tr> <tr> <td>Over \$500,000 but not over \$1,000,000</td> <td>\$100,000 plus 15% of the excess over \$500,000</td> </tr> <tr> <td>Over \$1,000,000 but not over \$1,500,000</td> <td>\$175,000 plus 10% of the excess over \$1,000,000</td> </tr> <tr> <td>Over \$1,500,000 but not over \$17,000,000</td> <td>\$225,000 plus 5% of the excess over \$1,500,000</td> </tr> <tr> <td>Over \$17,000,000</td> <td>\$1,000,000</td> </tr> </tbody> </table>			If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:	Not over \$500,000	20% of the amount on line 1e	Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000	Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000	Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000	Over \$17,000,000	\$1,000,000
If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:													
Not over \$500,000	20% of the amount on line 1e													
Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000													
Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000													
Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000													
Over \$17,000,000	\$1,000,000													
g Grassroots nontaxable amount (enter 25% of line 1f)	250,000													
h Subtract line 1g from line 1a If zero or less, enter -0-														
i Subtract line 1f from line 1c If zero or less, enter -0-														
j If there is an amount other than zero on either line 1h or line 1i, did the organization file Form 4720 reporting section 4911 tax for this year?		<input type="checkbox"/> Yes <input type="checkbox"/> No												

4-Year Averaging Period Under section 501(h)
(Some organizations that made a section 501(h) election do not have to complete all of the five columns below. See the separate instructions for lines 2a through 2f.)

Lobbying Expenditures During 4-Year Averaging Period

Calendar year (or fiscal year beginning in)	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) Total
2a Lobbying nontaxable amount	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
b Lobbying ceiling amount (150% of line 2a, column (e))					6,000,000
c Total lobbying expenditures	315,454	263,874	365,278	355,518	1,300,124
d Grassroots nontaxable amount	250,000	250,000	250,000	250,000	1,000,000
e Grassroots ceiling amount (150% of line 2d, column (e))					1,500,000
f Grassroots lobbying expenditures	12,153	13,803			25,956

Part II-B Complete if the organization is exempt under section 501(c)(3) and has NOT filed Form 5768 (election under section 501(h)).

		(a)		(b)
		Yes	No	Amount
1	During the year, did the filing organization attempt to influence foreign, national, state or local legislation, including any attempt to influence public opinion on a legislative matter or referendum, through the use of			
a	Volunteers?			
b	Paid staff or management (include compensation in expenses reported on lines 1c through 1i)?			
c	Media advertisements?			
d	Mailings to members, legislators, or the public?			
e	Publications, or published or broadcast statements?			
f	Grants to other organizations for lobbying purposes?			
g	Direct contact with legislators, their staffs, government officials, or a legislative body?			
h	Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?			
i	Other activities?			
j	Total. Add lines 1c through 1i			
2a	Did the activities in line 1 cause the organization to be not described in section 501(c)(3)?			
b	If "Yes," enter the amount of any tax incurred under section 4912			
c	If "Yes," enter the amount of any tax incurred by organization managers under section 4912			
d	If the filing organization incurred a section 4912 tax, did it file Form 4720 for this year?			

Part III-A Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6).

		Yes	No
1	Were substantially all (90% or more) dues received nondeductible by members?	1	
2	Did the organization make only in-house lobbying expenditures of \$2,000 or less?	2	
3	Did the organization agree to carry over lobbying and political expenditures from the prior year?	3	

Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered "No" OR (b) Part III-A, line 3, is answered "Yes."

1	Dues, assessments and similar amounts from members	1	
2	Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid).	2a	
a	Current year	2b	
b	Carryover from last year	2c	
c	Total	3	
3	Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues	4	
4	If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the excess does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and political expenditure next year?	5	
5	Taxable amount of lobbying and political expenditures (see instructions)		

Part IV Supplemental Information

Provide the descriptions required for Part I-A, line 1, Part I-B, line 4, Part I-C, line 5, Part II-A (affiliated group list), Part II-A, lines 1 and 2 (see instructions), and Part II-B, line 1. Also, complete this part for any additional information.

Return Reference	Explanation
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SCHEDULE D (Form 990)

Supplemental Financial Statements

OMB No 1545-0047

2016

Open to Public Inspection

Complete if the organization answered "Yes," on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b. Attach to Form 990.

Information about Schedule D (Form 990) and its instructions is at www.irs.gov/form990.

Department of the Treasury Internal Revenue Service

Name of the organization AMERICAN CHEMICAL SOCIETY

Employer identification number 53-0196572

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts. Complete if the organization answered "Yes" on Form 990, Part IV, line 6.

Table with 2 columns: (a) Donor advised funds, (b) Funds and other accounts. Rows include: 1 Total number at end of year, 2 Aggregate value of contributions to (during year), 3 Aggregate value of grants from (during year), 4 Aggregate value at end of year, 5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control? (Yes/No), 6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit? (Yes/No)

Part II Conservation Easements. Complete if the organization answered "Yes" on Form 990, Part IV, line 7.

Table with 2 columns: Description, Held at the End of the Year. Rows include: 1 Purpose(s) of conservation easements held by the organization (check all that apply) [Preservation of land for public use, Protection of natural habitat, Preservation of open space, Preservation of an historically important land area, Preservation of a certified historic structure], 2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year [2a Total number of conservation easements, 2b Total acreage restricted by conservation easements, 2c Number of conservation easements on a certified historic structure included in (a), 2d Number of conservation easements included in (c) acquired after 8/17/06, and not on a historic structure listed in the National Register], 3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year, 4 Number of states where property subject to conservation easement is located, 5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds? (Yes/No), 6 Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year, 7 Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year, 8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)? (Yes/No), 9 In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets. Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

Table with 2 columns: Description, Amount. Rows include: 1a If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items, b If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items [(i) Revenue included on Form 990, Part VIII, line 1, (ii) Assets included in Form 990, Part X], 2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items [a Revenue included on Form 990, Part VIII, line 1, b Assets included in Form 990, Part X]

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets (continued)

- 3** Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply)
- a** Public exhibition
 - b** Scholarly research
 - c** Preservation for future generations
 - d** Loan or exchange programs
 - e** Other
- 4** Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII
- 5** During the year, did the organization solicit or receive donations of art, historical treasures or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection? Yes No

Part IV Escrow and Custodial Arrangements.

Complete if the organization answered "Yes" on Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

- 1a** Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X? Yes No
- b** If "Yes," explain the arrangement in Part XIII and complete the following table
- | | Amount |
|--|--------|
| c Beginning balance | |
| d Additions during the year | |
| e Distributions during the year | |
| f Ending balance | |
- 2a** Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? Yes No
- b** If "Yes," explain the arrangement in Part XIII Check here if the explanation has been provided in Part XIII

Part V Endowment Funds. Complete if the organization answered "Yes" on Form 990, Part IV, line 10.

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance	630,223,333	651,454,497	640,155,256	582,218,382	541,216,738
b Contributions	380,340	1,879,155	1,225,506	1,615,498	970,834
c Net investment earnings, gains, and losses	24,176,422	2,181,537	37,151,525	82,209,948	63,673,981
d Grants or scholarships	24,094,493	23,377,387	25,367,206	23,744,190	21,719,607
e Other expenditures for facilities and programs	3,642,612	33,469	44,584	466,382	188,564
f Administrative expenses	1,777,000	1,881,000	1,666,000	1,678,000	1,735,000
g End of year balance	625,265,990	630,223,333	651,454,497	640,155,256	582,218,382

- 2** Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as
- a** Board designated or quasi-endowment ▶ 0 050 %
 - b** Permanent endowment ▶ 22 320 %
 - c** Temporarily restricted endowment ▶ 77 630 %
- The percentages on lines 2a, 2b, and 2c should equal 100%
- 3a** Are there endowment funds not in the possession of the organization that are held and administered for the organization by
- | | Yes | No |
|--|---------------|----|
| (i) unrelated organizations | 3a(i) | No |
| (ii) related organizations | 3a(ii) | No |
| b If "Yes" on 3a(ii), are the related organizations listed as required on Schedule R? | 3b | |
- 4** Describe in Part XIII the intended uses of the organization's endowment funds

Part VI Land, Buildings, and Equipment.

Complete if the organization answered 'Yes' on Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land		2,930,220		2,930,220
b Buildings		106,782,756	72,094,201	34,688,555
c Leasehold improvements				
d Equipment		59,827,245	41,340,350	18,486,895
e Other		157,041,657	95,973,312	61,068,345
Total. Add lines 1a through 1e (Column (d) must equal Form 990, Part X, column (B), line 10(c))				117,174,015

Part VII Investments—Other Securities. Complete if the organization answered 'Yes' on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests	4,138,758	C
(3) Other _____		
(A) HEDGE FUNDS	144,298,000	F
(A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col (B) line 12.)	148,436,758	

Part VIII Investments—Program Related. Complete if the organization answered 'Yes' on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Column (b) must equal Form 990, Part X, col (B) line 13.)		

Part IX Other Assets. Complete if the organization answered 'Yes' on Form 990, Part IV, line 11d. See Form 990, Part X, line 15

(a) Description	(b) Book value
(1)	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col (B) line 15.)	

Part X Other Liabilities. Complete if the organization answered 'Yes' on Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25.

(a) Description of liability	(b) Book value
(1) Federal income taxes	0
UNDERFUNDED PENSION LIABILITY	110,448,416
ACCRUED RETIREE MEDICAL BENEFITS	46,774,996
457(B) LIABILITY	8,547,126
ASSET RETIREMENT OBLIGATION	3,697,907
ACCRUED HEALTH IBNR	1,581,868
ACCRUED POST EMPLOYMENT BENEFITS	788,665
ACCRUED GIFT ANNUITY LIABILITY	66,982
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col (B) line 25.)	171,905,960

2. Liability for uncertain tax positions In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740) Check here if the text of the footnote has been provided in Part XIII

Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return

Complete if the organization answered 'Yes' on Form 990, Part IV, line 12a.

1	Total revenue, gains, and other support per audited financial statements		1	
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12			
a	Net unrealized gains (losses) on investments	2a		
b	Donated services and use of facilities	2b		
c	Recoveries of prior year grants	2c		
d	Other (Describe in Part XIII)	2d		
e	Add lines 2a through 2d		2e	
3	Subtract line 2e from line 1		3	
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1 :			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b	Other (Describe in Part XIII)	4b		
c	Add lines 4a and 4b		4c	
5	Total revenue. Add lines 3 and 4c . (This must equal Form 990, Part I, line 12)		5	

Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.

Complete if the organization answered 'Yes' on Form 990, Part IV, line 12a.

1	Total expenses and losses per audited financial statements		1	
2	Amounts included on line 1 but not on Form 990, Part IX, line 25			
a	Donated services and use of facilities	2a		
b	Prior year adjustments	2b		
c	Other losses	2c		
d	Other (Describe in Part XIII)	2d		
e	Add lines 2a through 2d		2e	
3	Subtract line 2e from line 1		3	
4	Amounts included on Form 990, Part IX, line 25, but not on line 1 :			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b	Other (Describe in Part XIII)	4b		
c	Add lines 4a and 4b		4c	
5	Total expenses. Add lines 3 and 4c . (This must equal Form 990, Part I, line 18)		5	

Part XIII Supplemental Information

Provide the descriptions required for Part II, lines 3, 5, and 9, Part III, lines 1a and 4, Part IV, lines 1b and 2b, Part V, line 4, Part X, line 2, Part XI, lines 2d and 4b, and Part XII, lines 2d and 4b. Also complete this part to provide any additional information.

Return Reference	Explanation
See Additional Data Table	

Part XIII Supplemental Information *(continued)*

Return Reference	Explanation

Additional Data

Software ID:

Software Version:

EIN: 53-0196572

Name: AMERICAN CHEMICAL SOCIETY

Supplemental Information

Return Reference	Explanation
PART V, LINE 4	DESCRIBE THE INTENDED USES OF THE ORGANIZATION'S ENDOWMENT FUNDS THE SOCIETY'S ENDOWMENTS WERE CREATED TO ENCOURAGE THE ADVANCEMENT OF CHEMISTRY IN ALL ITS BRANCHES, PROMOTE RESEARCH IN CHEMICAL SCIENCE AND INDUSTRY, AND IMPROVE THE QUALIFICATION AND USEFULNESS OF CHEMISTS OVER \$24,000,000 WAS AWARDED IN 2016 TO SUPPORT INNOVATIVE AND FUNDAMENTAL CHEMICAL RESEARCH, PROVIDE UNDERGRADUATE SCHOLARSHIPS, PROVIDE POST-DOCTORAL FELLOWSHIPS, SUPPORT SPECIAL EDUCATIONAL OPPORTUNITIES AT THE HIGH SCHOOL LEVEL, AND RECOGNIZE, ENCOURAGE, AND STIMULATE OUTSTANDING RESEARCH ACHIEVEMENTS THROUGHOUT THE MULTI-DISCIPLINARY BRANCHES OF CHEMISTRY

Supplemental Information

Return Reference	Explanation
PART X, LINE 2	FOOTNOTE TO THE ORGANIZATION'S FINANCIAL STATEMENTS THAT REPORTS THE ORGANIZATION'S LIABILITY FOR UNCERTAIN TAX POSITIONS UNDER FIN 48 (ASC 740) THE SOCIETY IS GENERALLY EXEMPT FROM FEDERAL INCOME TAXES UNDER INTERNAL REVENUE CODE SECTION 501(C)(3) HOWEVER, THE SOCIETY IS SUBJECT TO TAXATION ON ANY NET UNRELATED BUSINESS INCOME AT DECEMBER 31, 2016, THE SOCIETY HAD A NET OPERATING LOSS CARRYFORWARD FOR INCOME TAX PURPOSES OF APPROXIMATELY \$16,300,000, WHICH EXPIRES OVER THE YEARS 2017 THROUGH 2036 A DEFERRED TAX ASSET HAS NOT BEEN RECORDED FOR THE NET OPERATING LOSS BECAUSE THE SOCIETY HAS DETERMINED AS OF DECEMBER 31, 2016, IT IS NOT RECOVERABLE MANAGEMENT ANNUALLY REVIEWS ITS TAX POSITIONS AND HAS DETERMINED THAT THERE ARE NO MATERIAL UNCERTAIN TAX POSITIONS THAT REQUIRE RECOGNITION IN THE CONSOLIDATED FINANCIAL STATEMENTS

**SCHEDULE F
(Form 990)**

Department of the Treasury
Internal Revenue Service

Statement of Activities Outside the United States

▶ Complete if the organization answered "Yes" to Form 990,
Part IV, line 14b, 15, or 16.
▶ Attach to Form 990. ▶ See separate instructions.
▶ Information about Schedule F (Form 990) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047

2016

Open to Public Inspection

Name of the organization
AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I **General Information on Activities Outside the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 14b.

- 1 For grantmakers.** Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 2 For grantmakers.** Describe in Part V the organization's procedures for monitoring the use of its grants and other assistance outside the United States
- 3** Activities per Region (The following Part I, line 3 table can be duplicated if additional space is needed)

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in region	(d) Activities conducted in region (by type) (e.g., fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for and investments in region
See Add'l Data					
3a Sub-total		429			53,431,207
b Total from continuation sheets to Part I					
c Totals (add lines 3a and 3b)		429			53,431,207

Part IV Foreign Forms

- 1 Was the organization a U S transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926, Return by a U S Transferor of Property to a Foreign Corporation (see Instructions for Form 926)* Yes No
- 2 Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to separately file Form 3520, Annual Return to Report Transactions with Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U S Owner (see Instructions for Forms 3520 and 3520-A)* Yes No
- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U S Persons with Respect to Certain Foreign Corporations (see Instructions for Form 5471)* Yes No
- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621)* Yes No
- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U S Persons with Respect to Certain Foreign Partnerships (see Instructions for Form 8865)* Yes No
- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see Instructions for Form 5713)* Yes No

Part V Supplemental Information

Provide the information required by Part I, line 2 (monitoring of funds); Part I, line 3, column (f) (accounting method; amounts of investments vs. expenditures per region); Part II, line 1 (accounting method); Part III (accounting method); and Part III, column (c) (estimated number of recipients), as applicable. Also complete this part to provide any additional information (see instructions).

Return Reference	Explanation
PART I, LINE 2	DESCRIPTION OF THE ORGANIZATION'S PROCEDURES FOR MONITORING THE USE OF GRANT FUNDS OUTSIDE THE UNITED STATES THE AMERICAN CHEMICAL SOCIETY (ACS) REGULARLY MONITORS ITS GRANTS TO ENSURE THAT THEY ARE USED FOR PROPER PURPOSES AND ARE NOT DIVERTED FROM THEIR INTENDED USES THESE MONITORING PROCEDURES INCLUDE RECEIPT OF PERIODIC AND ANNUAL REPORTS OF EXPENDITURES AND BUDGETS, RESEARCH MILESTONES/SIGNIFICANT OUTCOMES, SUMMARY AND TECHNICAL PROGRESS REPORTS, AND RELEVANT PUBLICATIONS/PRESENTATIONS ACS REVIEWS ALL REPORTS SUBMITTED TO ENSURE COMPLIANCE WITH GRANT BUDGETS, ACS POLICIES, AND LEGAL REQUIREMENTS

Return Reference	Explanation
PART I, LINE 3, COLUMN (F), PART II, LINE 1, AND PART III	DESCRIPTION OF THE METHOD USED TO ACCOUNT FOR EXPENDITURES REPORTED ON PART I, LINE 3, COLUMN (F), AND CASH GRANTS AND NON-CASH ASSISTANCE REPORTED ON PART II, LINE 1, AND PART III THE AMERICAN CHEMICAL SOCIETY PREPARES ITS FINANCIAL STATEMENTS IN CONFORMITY WITH ACCOUNTING PRINCIPLES GENERALLY ACCEPTED IN THE UNITED STATES OF AMERICA AND USES THE ACCRUAL METHOD OF ACCOUNTING EXPENDITURES REPORTED ON PART I, LINE 3, COLUMN (F), AND CASH GRANTS REPORTED ON PART II, LINE 1, AND PART III ARE BASED ON THE ACCRUAL METHOD OF ACCOUNTING

Additional Data

Software ID:

Software Version:

EIN: 53-0196572

Name: AMERICAN CHEMICAL SOCIETY

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
East Asia and the Pacific		139	Program Services	INFO/MEMBERSHIP SVCS	16,843,425
Europe (Including Iceland and Greenland)		185	Program Services	INFO/MEMBERSHIP SVCS	11,387,424
Middle East and North Africa		8	Program Services	INFO/MEMBERSHIP SVCS	885,467

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
North America		41	Program Services	INFO/MEMBERSHIP SVCS	936,509
Russia and the Newly Independent States		7	Program Services	INFO/MEMBERSHIP SVCS	30,260
South America		21	Program Services	INFO/MEMBERSHIP SVCS	235,977

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
South Asia		27	Program Services	INFO/MEMBERSHIP SVCS	22,007,357
Sub-Saharan Africa		1	Program Services	INFO/MEMBERSHIP SVCS	364
Europe (Including Iceland and Greenland)			Investments		284,803

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Central America and the Caribbean			Grantmaking		3,300
East Asia and the Pacific			Grantmaking		192,221
Europe (Including Iceland and Greenland)			Grantmaking		275,100

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Middle East and North Africa			Grantmaking		5,000
North America			Grantmaking		340,200
Russia and the Newly Independent States			Grantmaking		3,000

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Sub-Saharan Africa			Grantmaking		800

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		East Asia and the Pacific	General Support	15,814	Check		N/A	N/A
		East Asia and the Pacific	General Support	110,000	Check		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		Europe (Including Iceland and Greenland)	General Support	40,000	Check		N/A	N/A
		Europe (Including Iceland and Greenland)	General Support	110,000	Check		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		Europe (Including Iceland and Greenland)	General Support	50,000	Check		N/A	N/A
		Europe (Including Iceland and Greenland)	General Support	40,000	Check		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		North America	General Support	110,000	Check		N/A	N/A
		North America	General Support	110,000	Check		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		North America	General Support	110,000	Check		N/A	N/A
		East Asia and the Pacific	General Support	40,000	CHECK		N/A	N/A

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
AWARDS	East Asia and the Pacific	9	26,407	Check		N/A	N/A
AWARDS	Europe (Including Iceland and Greenland)	11	35,100	Check		N/A	N/A

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S							
(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
AWARDS	Middle East and North Africa	1	5,000	Check		N/A	N/A
AWARDS	North America	3	10,200	Check		N/A	N/A

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
AWARDS	Russia and the Newly Independent States	1	3,000	Check		N/A	N/A
AWARDS	Sub-Saharan Africa	1	800	Check		N/A	N/A

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
AWARDS	Central America and the Caribbean	2	3,300	CHECK		N/A	N/A

Schedule I (Form 990)

Grants and Other Assistance to Organizations, Governments and Individuals in the United States

OMB No 1545-0047

2016

Open to Public Inspection

Complete if the organization answered "Yes," on Form 990, Part IV, line 21 or 22.

Attach to Form 990.

Information about Schedule I (Form 990) and its instructions is at www.irs.gov/form990.

Department of the Treasury Internal Revenue Service

Name of the organization AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance...
2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

Table with 8 columns: (a) Name and address of organization or government, (b) EIN, (c) IRC section if applicable, (d) Amount of cash grant, (e) Amount of non-cash assistance, (f) Method of valuation, (g) Description of non-cash assistance, (h) Purpose of grant or assistance. Includes rows for data entry and a 'See Additional Data Table' row.

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table. 254
3 Enter total number of other organizations listed in the line 1 table. 4

Part III Grants and Other Assistance to Domestic Individuals. Complete if the organization answered "Yes" on Form 990, Part IV, line 22

Part III can be duplicated if additional space is needed

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of non-cash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of non-cash assistance
(1) AWARDS	292	427,231		N/A	N/A
(2) FELLOWSHIPS	86	186,072		N/A	N/A
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					

Part IV Supplemental Information. Provide the information required in Part I, line 2, Part III, column (b), and any other additional information.

Return Reference	Explanation
PART I, LINE 2	DESCRIPTION OF THE ORGANIZATION'S PROCEDURES FOR MONITORING THE USE OF GRANT FUNDS IN THE UNITED STATES THE AMERICAN CHEMICAL SOCIETY (ACS) REGULARLY MONITORS ITS GRANTS TO ENSURE THAT THEY ARE USED FOR PROPER PURPOSES AND ARE NOT DIVERTED FROM THEIR INTENDED USES THESE MONITORING PROCEDURES INCLUDE RECEIPT OF PERIODIC AND ANNUAL REPORTS OF EXPENDITURES AND BUDGETS, RESEARCH MILESTONES/SIGNIFICANT OUTCOMES, SUMMARY AND TECHNICAL PROGRESS REPORTS, AND RELEVANT PUBLICATIONS/PRESENTATIONS ACS REVIEWS ALL REPORTS SUBMITTED TO ENSURE COMPLIANCE WITH GRANT BUDGETS, ACS POLICIES, AND LEGAL REQUIREMENTS

Additional Data

Software ID:
Software Version:
EIN: 53-0196572
Name: AMERICAN CHEMICAL SOCIETY

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Regents of the University of Minnesota 450 University Gateway Minneapolis, MN 554552070	41-6007513	MN State	795,800		N/A	N/A	GENERAL SUPPORT
The University of Illinois PO Box 4610 Springfield, IL 627084610	37-6000511	501(c)(3)	616,800		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
The University of Colorado - Boulder 574 UCB Boulder, CO 803090574	84-6000555	501(c)(3)	595,500		N/A	N/A	GENERAL SUPPORT
The Ohio State University 281 W LANE AVE Columbus, OH 432101016	31-6025986	501(c)(3)	567,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
The Regents of the University of California Box 957089 1125 Murphy Hall Los Angeles, CA 900957089	95-6006143	501(c)(3)	454,000		N/A	N/A	GENERAL SUPPORT
Trustees of Purdue University 23510 Network Place Chicago, IL 606731235	35-6002041	501(c)(3)	382,333		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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Iowa State University 2221 Wanda Daley Dr Rm 1810 Ames, IA 500111004	42-6004224	501(c)(3)	378,250		N/A	N/A	GENERAL SUPPORT
University of Houston PO Box 988 Houston, TX 770010988	74-6001399	TX State	356,300		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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University of Wisconsin 21 North Park Street Suite 6401 Madison, WI 537151218	39-6006492	WI State	347,750		N/A	N/A	GENERAL SUPPORT
New York University PO Box 5166 New York, NY 10087	13-5562308	501(c)(3)	338,750		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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Texas Tech University Box 41105 Lubbock, TX 794091105	75-6002622	TX State	336,000		N/A	N/A	GENERAL SUPPORT
University of Utah 201 S Presidents Circle Salt Lake City, UT 841129020	87-6000525	501(c)(3)	334,675		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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West Virginia Univ Research Corp 886 Chestnut Ridge Road Morgantown, WV 26506	55-0665758	501(c)(3)	330,000		N/A	N/A	GENERAL SUPPORT
Florida State University Research Fdn Inc PO Box 3062744 Tallahassee, FL 323102744	59-3211153	501(c)(3)	330,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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University of California -Riverside ACCOUNTING OFFICE Riverside, CA 92521	95-6006142	501(c)(3)	330,000		N/A	N/A	GENERAL SUPPORT
Miami University 7 Roudebush Hall Oxford, OH 45056	31-6402089	501(c)(3)	275,300		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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Temple University 1805 N Broad Street Philadelphia, PA 19122	23-1365971	501(c)(3)	270,800		N/A	N/A	GENERAL SUPPORT
University of Florida PO BOX 114025 Gainesville, FL 326113001	59-6002052	FL State	261,750		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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University of Delaware 116 Student Services Bldg Newark, DE 197164602	51-6000297	501(c)(3)	254,000		N/A	N/A	GENERAL SUPPORT
University of Connecticut 438 Whitney Road Extn Unit 1133 Storrs, CT 062691133	06-0772160	CT State	246,667		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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The University of Texas at Austin PO Box 7159 Austin, TX 787137159	74-6000203	TX State	245,125		N/A	N/A	GENERAL SUPPORT
Vanderbilt University Box 1591 Station B Nashville, TN 37235	62-0476822	501(c)(3)	233,300		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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University of Pennsylvania P-221 Franklin Bldg Philadelphia, PA 191046205	23-1352685	501(c)(3)	233,000		N/A	N/A	GENERAL SUPPORT
University of New Mexico UNM Business Center Albuquerque, NM 87131	85-6000642	NM State	231,250		N/A	N/A	GENERAL SUPPORT

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Drexel University 3201 Arch Street Suite 100 Philadelphia, PA 19104	23-1352630	501(c)(3)	226,500		N/A	N/A	GENERAL SUPPORT
University of California - Irvine BioSci III Suite 1400 Irvine, CA 926971050	95-2226406	501(c)(3)	226,500		N/A	N/A	GENERAL SUPPORT

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University of California - Berkeley 125C LEWIS HALL Berkeley, CA 947201103	94-6002123	501(c)(3)	226,000		N/A	N/A	GENERAL SUPPORT
Clemson University 230 Kappa Street Suite 200 Clemson, SC 29634	57-6000254	SC State	225,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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Arizona State University PO Box 876011 Tempe, AZ 852876011	86-0196696	AZ State	225,000		N/A	N/A	GENERAL SUPPORT
Baylor University One Bear Place 97360 Waco, TX 767987360	74-1159753	501(c)(3)	222,000		N/A	N/A	GENERAL SUPPORT

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Virginia Commonwealth University PO Box 843039 Richmond, VA 232843039	54-6001758	VA State	221,500		N/A	N/A	GENERAL SUPPORT
Louisiana State University Sponsored Program Accounting Baton Rouge, LA 708032901	72-6000848	501(c)(3)	221,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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California Institute of Technology 1200 E California Blvd MS 219-15 Pasadena, CA 91125	95-1643307	501(c)(3)	221,300		N/A	N/A	GENERAL SUPPORT
Syracuse University Skytop Office Bldg Syracuse, NY 132445300	15-0532081	501(c)(3)	221,250		N/A	N/A	GENERAL SUPPORT

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University of Alabama 318 Rose Administration Bldg Tuscaloosa, AL 354870135	63-6001138	501(c)(3)	221,000		N/A	N/A	GENERAL SUPPORT
Worcester Polytechnic Institute 100 Institute Road Worcester, MA 016092280	04-2121659	501(c)(3)	220,000		N/A	N/A	GENERAL SUPPORT

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Research Fdn City University of New York 230 West 41st Street 7th Floor New York, NY 10036	13-1988190	501(c)(3)	220,000		N/A	N/A	GENERAL SUPPORT
Board of Regents University of Arizona 1303 E University Blvd Box 3 Tucson, AZ 857190521	74-2652689	AZ State	220,000		N/A	N/A	GENERAL SUPPORT

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Ball State University 2000 University Avenue Muncie, IN 47306	35-6000221	IN State	180,000		N/A	N/A	GENERAL SUPPORT
HARVARD UNIVERSITY 1350 Mass Ave Cambridge, MA 02138	04-2103580	501(c)(3)	167,250		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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The Trustees of Columbia University 615 West 131st Street MC 8725 New York, NY 10027	13-5598093	501(c)(3)	166,750		N/A	N/A	GENERAL SUPPORT
Research Fdn State University of New York PO BOX 9 Albany, NY 122010009	14-1368361	501(c)(3)	165,000		N/A	N/A	GENERAL SUPPORT

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Texas A&M University 400 Harvey Mitchell Pkwy South College Station, TX 77845	74-6000531	TX State	162,000		N/A	N/A	GENERAL SUPPORT
The Regents of the University of California 9500 Gilman Drive MC 0954 La Jolla, CA 920930954	95-6006144	501(c)(3)	159,300		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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Yale University PO Box 1873 New Haven, CT 065081873	06-0646973	501(c)(3)	152,500		N/A	N/A	GENERAL SUPPORT
The Regents of the University of California Davis PO Box 989062 West Sacramento, CA 957989062	94-6036494	501(c)(3)	152,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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Massachusetts Institute of Technology 77 Massachusetts Ave Bldg NE49-4 Cambridge, MA 021394307	04-2103594	501(c)(3)	147,500		N/A	N/A	GENERAL SUPPORT
Pennsylvania State University 401 Rider II 227 W Beaver Ave State College, PA 168014819	24-6000376	PA State	141,680		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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Case Western Reserve University 10900 Euclid Avenue Cleveland, OH 441067037	34-1018992	501(c)(3)	141,000		N/A	N/A	GENERAL SUPPORT
The University of Tennessee 210 Student Services Bldg Knoxville, TN 379962200	62-6001636	501(c)(3)	137,300		N/A	N/A	GENERAL SUPPORT

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The Leland Stanford Junior University 326 Galvez Street STANFORD, CA 94305	94-1156365	501(c)(3)	137,000		N/A	N/A	GENERAL SUPPORT
Western Washington University 516 High Street Bellingham, WA 982259038	91-6000562	WA State	136,300		N/A	N/A	GENERAL SUPPORT

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University of Arkansas 1125 W Maple Fayetteville, AR 727011201	71-6003252	AR State	136,050		N/A	N/A	GENERAL SUPPORT
University of Massachusetts 100 Morrissey Boulevard Boston, MA 021253393	04-3167352	MA State	134,000		N/A	N/A	GENERAL SUPPORT

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The University of Maine 5717 Corbett Hall Rm 400 Orono, ME 044695717	01-6000769	501(c)(3)	133,000		N/A	N/A	GENERAL SUPPORT
University of New Hampshire 51 College Road Rm 109 Durham, NH 03824	02-6000937	501(c)(3)	130,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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Curators of the University of Missouri 121 University Hall Columbia, MO 652110001	43-6003859	MO State	130,000		N/A	N/A	GENERAL SUPPORT
University of San Diego 5998 Alcalá Park HC335 San Diego, CA 921102492	95-2544535	501(c)(3)	130,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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Middlebury College 14 OLD CHAPEL RD Middlebury, VT 05753	03-0179298	501(c)(3)	125,000		N/A	N/A	GENERAL SUPPORT
ACS NORTH JERSEY LOCAL SECTION 33 RONALD ROAD LAKE HIAWATHA, NJ 070341121	22-6033933	501(c)(3)	124,700		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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ACS CALIFORNIA LOCAL SECTION 1072 MANDANA BLVD OAKLAND, CA 946101802	94-1358305	501(c)(3)	122,480		N/A	N/A	GENERAL SUPPORT
University of South Carolina 1600 Hampton Street Columbia, SC 29208	57-6001153	SC State	121,500		N/A	N/A	GENERAL SUPPORT

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North Carolina State University Box 7214 Raleigh, NC 276957214	56-6000756	NC State	120,750		N/A	N/A	GENERAL SUPPORT
Trustees of Dartmouth College 11 Rope Ferry Road HB 6210 Hanover, NH 037551404	02-0222111	501(c)(3)	119,850		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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Colorado State University 408 University Services Ctr Fort Collins, CO 805236015	84-6000545	CO State	119,500		N/A	N/A	GENERAL SUPPORT
Rensselaer Polytechnic Institute 110 8th Street Room 311 Troy, NY 121803522	14-1340095	501(c)(3)	117,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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Southern Methodist University PO Box 750259 Dallas, TX 752750259	75-0800689	501(c)(3)	116,500		N/A	N/A	GENERAL SUPPORT
Duke University 2200 W Main Street Suite 710 Durham, NC 27705	56-0532129	501(c)(3)	116,250		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
The Washington University Campus Box 1034 St Louis, MO 631121408	43-0653611	501(c)(3)	115,000		N/A	N/A	GENERAL SUPPORT
Trustees of Boston University 25 Buick Street Boston, MA 02215	04-2103547	501(c)(3)	114,500		N/A	N/A	GENERAL SUPPORT

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The University of Mississippi PO Box 1848 University, MS 386771848	64-6001159	501(c)(3)	113,050		N/A	N/A	GENERAL SUPPORT
Ohio University 279 HDL Center Athens, OH 45701	31-6402113	OH State	113,000		N/A	N/A	GENERAL SUPPORT

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Central Michigan University 1200 S FRANKLIN ST Mount Pleasant, MI 48859	38-6004447	501(c)(3)	112,500		N/A	N/A	GENERAL SUPPORT
The University of Nebraska Sponsored Programs Accounting Omaha, NE 681985100	47-0049123	501(c)(3)	112,500		N/A	N/A	GENERAL SUPPORT

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Brigham Young University A-261 ASB Provo, UT 84602	87-0217280	501(c)(3)	112,500		N/A	N/A	GENERAL SUPPORT
The University of Oklahoma 201 David L Boren Blvd 3PP Norman, OK 73019	73-1377584	OK State	112,000		N/A	N/A	GENERAL SUPPORT

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University of Central Florida 12424 Research Pkwy Suite 300 Orlando, FL 328263249	59-2924021	FL State	111,850		N/A	N/A	GENERAL SUPPORT
Rice University PO Box 1892 Houston, TX 772511892	74-1109620	501(c)(3)	111,750		N/A	N/A	GENERAL SUPPORT

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Wayne State University 5057 Woodward 13th Floor Detroit, MI 48202	38-6028429	501(c)(3)	111,410		N/A	N/A	GENERAL SUPPORT
Brown University 164 Angell Street 2nd floor Providence, RI 02912	05-0258809	501(c)(3)	111,250		N/A	N/A	GENERAL SUPPORT

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University of Rochester Brooks Landing Business Center Rochester, NY 146113847	16-0743209	501(c)(3)	111,000		N/A	N/A	GENERAL SUPPORT
University of Pittsburgh Lock Box 371220 Pittsburgh, PA 152517220	25-0965591	501(c)(3)	111,000		N/A	N/A	GENERAL SUPPORT

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Carnegie Mellon University PO Box 371032M Pittsburgh, PA 152507032	25-0969449	501(c)(3)	111,000		N/A	N/A	GENERAL SUPPORT
CSU Fullerton Auxiliary Services 2600 Nutwood Avenue Suite 275 Fullerton, CA 928313137	95-2081258	501(c)(3)	111,000		N/A	N/A	GENERAL SUPPORT

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The University of Texas at Dallas PO Box 830688 MS AD37 Richardson, TX 750830688	75-1305566	501(c)(3)	110,600		N/A	N/A	GENERAL SUPPORT
Woods Hole Oceanographic Institution Bell House MS 39 Woods Hole, MA 025431531	04-2105850	501(c)(3)	110,000		N/A	N/A	GENERAL SUPPORT

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Stevens Institute of Technology Castle Point on Hudson Hoboken, NJ 07030	22-1487354	501(c)(3)	110,000		N/A	N/A	GENERAL SUPPORT
The Regents of the University of California PO Box 2450 Merced, CA 95344	27-0093858	CA State	110,000		N/A	N/A	GENERAL SUPPORT

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Marquette University PO Box 1881 Milwaukee, WI 532011881	39-0806251	501(c)(3)	110,000		N/A	N/A	GENERAL SUPPORT
University of Kansas Ctnr for Research Inc 2385 IRVING HILL RD Lawrence, KS 660457563	48-0680117	501(c)(3)	110,000		N/A	N/A	GENERAL SUPPORT

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Wake Forest University PO Box 7201 WinstonSalem, NC 27109	56-0532138	501(c)(3)	110,000		N/A	N/A	GENERAL SUPPORT
Georgia Tech Research Corporation PO Box 100117 Atlanta, GA 30384	58-0603146	501(c)(3)	110,000		N/A	N/A	GENERAL SUPPORT

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University of South Florida BD of Trustees PO Box 8646568 Orlando, FL 328864568	59-3102112	FL State	110,000		N/A	N/A	GENERAL SUPPORT
University of Kentucky Research Foundation PO Box 931113 Cleveland, OH 44193	61-6033693	501(c)(3)	110,000		N/A	N/A	GENERAL SUPPORT

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Tulane University 1555 Poydras St Suite 1000 New Orleans, LA 70112	72-0423889	501(c)(3)	110,000		N/A	N/A	GENERAL SUPPORT
Texas A&M Engineering Experiment Station 400 Harvey Mitchell Pkwy Suite 30 College Station, TX 77845	74-1974733	TX State	110,000		N/A	N/A	GENERAL SUPPORT

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The University of Texas at El Paso 500 W UNIVERSITY AVE El Paso, TX 799680697	74-6000813	TX State	110,000		N/A	N/A	GENERAL SUPPORT
University of North Texas 1155 Union Circle 305250 Denton, TX 762035017	75-6002149	TX State	110,000		N/A	N/A	GENERAL SUPPORT

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Colorado School of Mines 1500 ILLINOIS ST GOLDEN, CO 80401	84-6000551	CO State	110,000		N/A	N/A	GENERAL SUPPORT
New Mexico Institute of Mining & Technology 801 Leroy Place Socorro, NM 87801	85-6000411	501(c)(3)	110,000		N/A	N/A	GENERAL SUPPORT

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Auburn University 208 M White Smith Hall Auburn, AL 368495110	63-6000724	AL State	94,500		N/A	N/A	GENERAL SUPPORT
Texas State University 601 University Drive San Marcos, TX 78666	74-6002248	TX State	82,500		N/A	N/A	GENERAL SUPPORT

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The President and Trustees of Williams College PO Box 624 Williamstown, MA 012670624	04-2104847	501(c)(3)	72,500		N/A	N/A	GENERAL SUPPORT
Mount Saint Mary's University 16300 Old Emmitsburg Road Emmitsburg, MD 21727	52-0591672	MD State	70,600		N/A	N/A	GENERAL SUPPORT

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Santa Clara University 500 El Camino Real Santa Clara, CA 95053	94-1156617	501(c)(3)	70,500		N/A	N/A	GENERAL SUPPORT
Skidmore College 815 North Broadway Saratoga Springs, NY 12866	14-1338562	501(c)(3)	70,000		N/A	N/A	GENERAL SUPPORT

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Kenyon College Eaton Center Gambier, OH 43022	31-4379507	501(c)(3)	70,000		N/A	N/A	GENERAL SUPPORT
Ohio Northern University 525 S Main Street Ada, OH 45810	34-4429091	501(c)(3)	70,000		N/A	N/A	GENERAL SUPPORT

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Eastern Illinois University 600 Lincoln Avenue Charleston, IL 61920	37-6013590	IL State	70,000		N/A	N/A	GENERAL SUPPORT
Christopher Newport University 1 Avenue of the Arts Newport News, VA 23606	54-0701501	VA State	70,000		N/A	N/A	GENERAL SUPPORT

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Coker College 300 E College Avenue Hartsville, SC 29550	57-0324916	501(c)(3)	70,000		N/A	N/A	GENERAL SUPPORT
Austin Peay State University 601 COLLEGE ST Clarksville, TN 37044	62-0646576	TN State	70,000		N/A	N/A	GENERAL SUPPORT

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Texas A&M University-Commerce PO Box 3011 Commerce, TX 754293011	75-6001353	TX State	70,000		N/A	N/A	GENERAL SUPPORT
Fort Lewis College 1000 Rim Drive Durango, CO 81301	84-6000556	CO State	70,000		N/A	N/A	GENERAL SUPPORT

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Central Washington University 400 East University Way Ellensburg, WA 989267491	91-6000618	WA State	70,000		N/A	N/A	GENERAL SUPPORT
San Francisco State University 1600 HOLLOWAY AVE San Francisco, CA 94132	93-1137247	CA State	70,000		N/A	N/A	GENERAL SUPPORT

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ACS INDIANA LOCAL SECTION 2042 GABLE LANE CT 914 INDIANAPOLIS, IN 46228	35-6031737	501(c)(3)	65,500		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF NEVADA DIRECTOR FINANCIAL SERVICES RENO, NV 89557	88-6000024	501(c)(3)	61,000		N/A	N/A	GENERAL SUPPORT

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CHEMICAL HERITAGE FOUNDATION 315 CHESTNUT STREET PHILADELPHIA, PA 19106	22-2817365	501(c)(3)	60,000		N/A	N/A	GENERAL SUPPORT
Cedar Crest College 100 College Drive Allentown, PA 18104	23-1365953	501(c)(3)	60,000		N/A	N/A	GENERAL SUPPORT

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Millikin University 1184 W MAIN ST DECATUR, IL 62522	37-0706154	501(c)(3)	60,000		N/A	N/A	GENERAL SUPPORT
Mount Holyoke College 50 College Street South Hadley, MA 010751445	04-2103578	501(c)(3)	56,500		N/A	N/A	GENERAL SUPPORT

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MICHIGAN STATE UNIVERSITY 103 NATURAL SCIENCE BUILDING EAST LANSING, MI 48824	38-6005984	501(c)(3)	56,500		N/A	N/A	GENERAL SUPPORT
College of the Holy Cross Fenwick 450 Worcester, MA 01610	04-2103558	501(c)(3)	55,300		N/A	N/A	GENERAL SUPPORT

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High Point University One University Parkway High Point, NC 272680001	56-0529999	501(c)(3)	55,300		N/A	N/A	GENERAL SUPPORT
Pittsburg State University 1701 S Broadway Pittsburg, KS 66762	22-3981479	KS State	55,000		N/A	N/A	GENERAL SUPPORT

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Kettering University 1700 University Avenue Flint, MI 48504	38-2410852	501(c)(3)	55,000		N/A	N/A	GENERAL SUPPORT
Macalester College 1600 Grand Avenue St Paul, MN 55105	41-0693962	501(c)(3)	55,000		N/A	N/A	GENERAL SUPPORT

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The College of William and Mary PO Box 8795 Williamsburg, VA 231878795	54-6001718	501(c)(3)	55,000		N/A	N/A	GENERAL SUPPORT
Samford University 800 LAKESHORE DR HOMWOOD, AL 35209	63-0312914	501(c)(3)	55,000		N/A	N/A	GENERAL SUPPORT

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Trinity University One Trinity Place San Antonio, TX 782127200	74-1109633	501(c)(3)	55,000		N/A	N/A	GENERAL SUPPORT
Southwestern Univeristy PO Box 770 Georgetown, TX 786270770	74-1233796	501(c)(3)	55,000		N/A	N/A	GENERAL SUPPORT

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The Tower Fdn of San Jose State University One Washington Square San Jose, CA 951920183	83-0403915	501(c)(3)	55,000		N/A	N/A	GENERAL SUPPORT
Occidental College 1600 CAMPUS RD Los Angeles, CA 900413314	95-1667177	501(c)(3)	55,000		N/A	N/A	GENERAL SUPPORT

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JOHNS HOPKINS UNIVERSITY 3400 N CHARLES ST BALTIMORE, MD 21218	52-0595110	501(c)(3)	53,250		N/A	N/A	GENERAL SUPPORT
CHEMICAL SOCIETY OF WASHINGTON 1155 16TH STREET NW WASHINGTON, DC 200364839	52-6059804	501(c)(3)	51,806		N/A	N/A	GENERAL SUPPORT

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COLORADO STATE UNIVERSITY FOUNDATION THE COLLEGE OF NATURAL SCIENCES FORT COLLINS, CO 80523	23-7098397	501(c)(3)	50,000		N/A	N/A	GENERAL SUPPORT
RUTGERS UNIVERSITY ASBIII 2nd floor New Brunswick, NJ 08901	22-6001086	501(c)(3)	47,350		N/A	N/A	GENERAL SUPPORT

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ACS GREATER HOUSTON SECTION 3901 BRIARPARK DR HOUSTON, TX 770425301	74-6045012	501(c)(3)	46,500		N/A	N/A	GENERAL SUPPORT
WASHINGTON STATE UNIVERSITY PO BOX 641027 PULLMAN, WA 99164	91-6001108	501(c)(3)	42,000		N/A	N/A	GENERAL SUPPORT

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THE SCRIPPS RESEARCH INST 10550 N TORREY PINES ROAD LAJOLLA, CA 92037	33-0435954	501(c)(3)	40,000		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF NORTHERN COLORADO JUDY FARR ALUMNI CENTER GREELEY, CO 80639	84-6000546	501(c)(3)	40,000		N/A	N/A	GENERAL SUPPORT

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OREGON STATE UNIVERSITY FOUNDATION 153A GILBERT HALL CORVALLIS, OR 97331	93-6022772	501(c)(3)	40,000		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF MARYLAND COLLEGE PARK 0102 LEE BUILDING COLLEGE PARK, MD 207425145	52-1076158	501(c)(3)	34,300		N/A	N/A	GENERAL SUPPORT

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SOUTH DAKOTA STATE UNIVERSITY 815 MEDARY AVE BROOKINGS, SD 57007	46-0273801	501(c)(3)	33,800		N/A	N/A	GENERAL SUPPORT
TUSKEGEE UNIVERSITY 1200 W MONTGOMERY RD TUSKEGEE, AL 36088	63-0288878	501(c)(3)	32,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ACS SAN ANTONIO LOCAL SECTION 11123 OAK RISE San Antonio, TX 782493371	74-6052070	501(c)(3)	28,500		N/A	N/A	GENERAL SUPPORT
University of Puerto Rico 39 Ponce de Len Avenue San Juan, PR 00931	66-0433760	501(c)(3)	28,050		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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OKLAHOMA STATE UNIVERSITY ASST DIRECTOR/SCHOLARSHIPS STILLWATER, OK 740785061	73-1383996	OK State	26,500		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF ALASKA FOUNDATION 4001 GEIST RD SUITE 6 FAIRBANKS, AK 99775	23-7394620	501(c)(3)	26,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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ACS NEW YORK LOCAL SECTION 2490 SYCAMORE AVENUE WANTAGH, NY 117934418	13-1926773	501(c)(3)	25,500		N/A	N/A	GENERAL SUPPORT
KANSAS STATE UNIVERSITY 10 ANDERSON HALL MANHATTAN, KS 66506	48-0771751	501(c)(3)	24,600		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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DUQUESNE UNIVERSITY MELLON HALL 302A PITTSBURGH, PA 15282	25-1035663	501(c)(3)	24,500		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF ARKANSAS AT PINE BLUFF 1200 N UNIVERSITY DRIVE PINE BLUFF, AR 71603	71-6010030	501(c)(3)	24,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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ACS AKRON LOCAL SECTION 380 ROSLYN AVENUE AKRON, OH 44320	34-6524266	501(c)(3)	24,000		N/A	N/A	GENERAL SUPPORT
VIRGINIA POLYTECHNIC INSTITUTE OFFICE OF FINANCIAL AID BLACKSBURG, VA 24061	54-6001805	501(c)(3)	24,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
LINCOLN UNIVERSITY 816 CHESTNUT ST JEFFERSON CITY, MO 65101	44-6001089	501(c)(3)	23,000		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF IDAHO PO BOX 44291 MOSCOW, ID 83844	23-7098404	501(c)(3)	22,750		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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WEST VIRGINIA UNIVERSITY ONE WATERFRONT PLACE MORGANTOWN, WV 265066009	55-6000842	501(c)(3)	22,500		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF VERMONT 411 Main St BURLINGTON, VT 05405	03-0179440	501(c)(3)	22,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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SUNY Binghamton DIRECTOR OF FINANCIAL AID BUFFALO, NY 13902	14-6013200	501(c)(3)	20,700		N/A	N/A	GENERAL SUPPORT
LANGSTON UNIVERSITY CHAIR CHEMISTRY DEPARTMENT LANGSTON, OK 73050	11-3815948	501(c)(3)	20,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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STONY BROOK FOUNDATION MELVILLE LIBRARY ROOM N-4004 STONY BROOK, NY 11794	11-6077945	501(c)(3)	20,000		N/A	N/A	GENERAL SUPPORT
TENNESSEE STATE UNIVERSITY 201 BOSWELL SCIENCE BUILDING NASHVILLE, TN 37209	23-7105693	501(c)(3)	20,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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UNIVERSITY OF WISCONSIN FOUNDATION 1848 UNIVERSITY AVE MADISON, WI 53726	39-0743975	501(c)(3)	20,000		N/A	N/A	GENERAL SUPPORT
CENTRAL COLLEGE 812 UNIVERSITY ST PELLA, IA 50219	42-0680344	501(c)(3)	20,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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NORTH DAKOTA STATE UNIV 1340 ADMINISTRATION AVE FARGO, ND 581055057	45-6002439	ND State	20,000		N/A	N/A	GENERAL SUPPORT
ALABAMA A&M UNIVERSITY GRANTS CONTRACTS ACCOUNTING NORMAL, AL 37562	52-6054905	AL State	20,000		N/A	N/A	GENERAL SUPPORT

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NORTH CAROLINA ST COLLEGE OF SCI FNDTN DEV COLLEGE RELATIONS RALEIGH, NC 27695	58-1524289	501(c)(3)	20,000		N/A	N/A	GENERAL SUPPORT
MISSISSIPPI STATE UNIVERSITY COLL OF ARTS SCIENCES MS ST UNIV MISSISSIPPI, MS 39762	64-6000819	501(c)(3)	20,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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SOUTHERN UNIVERSITY A&M COLLEGE 801 HARDING BOULEVARD BATON ROUGE, LA 70183	72-6000817	LA State	20,000		N/A	N/A	GENERAL SUPPORT
MONTANA STATE UNIVERSITY FOUNDATION 1501 SOUTH 11TH AVE BOZEMAN, MT 59717	81-6001649	501(c)(3)	20,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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UTAH STATE UNIVERSITY DIR OF DEVCOLLEGE OF SCIENCES LOGAN, UT 84322	87-6000528	501(c)(3)	20,000		N/A	N/A	GENERAL SUPPORT
CORNELL UNIVERSITY 120 BAKER LAB DEPT OF CHEM CHEM ITHACA, NY 14850	15-0532082	501(c)(3)	19,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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ACS MINNESOTA LOCAL SECTION PO BOX 64683 ST PAUL, MN 55164	41-6024526	501(c)(3)	19,100		N/A	N/A	GENERAL SUPPORT
ACS PUERTO RICO LOCAL SECTION RIO PIEDRAS CAMPUS PO BOX 23346 SAN JUAN, PR 19090	66-0684194	501(c)(3)	18,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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UNIVERSITY OF ARIZONA CHEMISTRY BUILDING - ROOM 225 TUCSON, AZ 85721	86-6050388	501(c)(3)	18,000		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF HAWAII FOUNDATION 2444 DOLE STREET BACHMAN 105 HONOLULU, HI 96822	99-0085260	501(c)(3)	16,420		N/A	N/A	GENERAL SUPPORT

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UNIVERSITY OF MARYLAND EASTERN SHORE 3004 MARBLE HALL DNS PRINCE ANNE, MD 21853	52-6002033	501(c)(3)	16,050		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF MICHIGAN- ANN ARBOR DIRECTOR OF FINANCIAL AID ANN ARBOR, MI 48109	38-6006309	501(c)(3)	15,800		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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IDAHO STATE UNIVERSITY 821 S 8TH AVE MS8023 POCATELLO, ID 832098023	82-6000924	ID State	15,800		N/A	N/A	GENERAL SUPPORT
ACS SIERRA NEVADA LOCAL SECTION 1664 N VIRGINIA ST RENO, NV 89557	88-6008127	501(c)(3)	15,500		N/A	N/A	GENERAL SUPPORT

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WEST VIRGINIA STATE UNIVERSITY PO BOX 1000 INSTITUTE, WV 25112	55-6001805	WV State	14,500		N/A	N/A	GENERAL SUPPORT
SOUTH CAROLINA RESEARCH FOUNDATION CAMPUS PO BOX 7212 ORANGEBURG, SC 29117	57-0967350	501(c)(3)	14,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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UNIVERSITY OF GEORGIA FOUNDATION FRANKLIN COLLEGE OF ARTS SCI ATHENS, GA 30602	58-1353149	501(c)(3)	14,000		N/A	N/A	GENERAL SUPPORT
LSU FOUNDATION LSU COLLEGE OF SCIENCE BATON ROUGE, LA 70803	72-6020969	501(c)(3)	14,000		N/A	N/A	GENERAL SUPPORT

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NORTH CAROLINA A & T STATE UNIV ADMIN SUPPORT DEPT OF CHEMISTRY GREENSBORO, NC 27411	56-6000007	501(c)(3)	13,250		N/A	N/A	GENERAL SUPPORT
INDIANA UNIVERSITY OFFICE OF THE BURSAR - IUPUI INDIANAPOLIS, IN 46266	35-6001673	501(c)(3)	13,000		N/A	N/A	GENERAL SUPPORT

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UNIVERSITY OF MIAMI Ransom Everglades HS Miami, FL 33124	59-0624458	501(c)(3)	13,000		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF NOTRE DAME 251 NIEUWLAND HALL NOTRE DAME, IN 46556	35-0868188	501(c)(3)	12,250		N/A	N/A	GENERAL SUPPORT

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NORTHEASTERN UNIVERSITY 360 HUNTINGTON AVE BOSTON, MA 02115	04-1679980	501(c)(3)	12,050		N/A	N/A	GENERAL SUPPORT
Chevron 1741 Wesley Avenue El Cerrito, CA 94530	94-0890210		11,520		N/A	N/A	GENERAL SUPPORT

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CALVIN COLLEGE 3201 BURTON ST SE GRAND RAPIDS, MI 49546	38-3071514	501(c)(3)	11,000		N/A	N/A	GENERAL SUPPORT
ACS NORTH CAROLINA LOCAL SECTION 101 LONGWOOD PL CHAPEL HILL, NC 275149584	56-6049892	501(c)(3)	11,000		N/A	N/A	GENERAL SUPPORT

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ROWAN UNIVERSITY 201 MULLICA HILL ROAD GLASSBORO, NJ 08028	22-2764819	NJ State	10,300		N/A	N/A	GENERAL SUPPORT
CALIFORNIA STATE UNIVERSITY - LA 5151 STATE UNIVERSITY DRIVE LOS ANGELES, CA 900328253	95-4386558	CA State	10,000		N/A	N/A	GENERAL SUPPORT

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UNIVERSITY OF RHODE ISLAND DEPARTMENT OF CHEMISTRY KINGSTON, RI 02881	22-3011455	RI State	10,000		N/A	N/A	GENERAL SUPPORT
ACS CHICAGO LOCAL SECTION 5913 N NEWARK AVE CHICAGO, IL 60631	36-2287522	501(c)(3)	10,000		N/A	N/A	GENERAL SUPPORT

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ACS CHEMICAL EDUCATION DIVISION 2225 S EARL AVENUE LAFAYETTE, IN 479052266	42-0935374	501(c)(3)	10,000		N/A	N/A	GENERAL SUPPORT
ACS KANSAS CITY LOCAL SECTION 2903 WILSHIRE COURT ST JOSEPH, MO 645064586	44-0132880	501(c)(3)	10,000		N/A	N/A	GENERAL SUPPORT

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DELAWARE STATE UNIVERSITY 1200 N Dupont Hwy DOVER, DE 19901	51-0305893	501(c)(3)	10,000		N/A	N/A	GENERAL SUPPORT
GROW BIOPLASTICS LLC 2450 EJ CHAPMAN DR KNOXVILLE, TN 37996	81-0940031		10,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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UNIVERSITY OF WYOMING 1000 E UNIVERSITY AVE LARAMIE, WY 82071	83-6000331	WY State	10,000		N/A	N/A	GENERAL SUPPORT
ACS CENTRAL ARIZONA LOCAL SECTION 1435 S HONEYSUCKLE CIR GILBERT, AZ 852964172	86-6051139	501(c)(3)	10,000		N/A	N/A	GENERAL SUPPORT

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HOWARD UNIVERSITY DIRECTOR OF FINANCIAL AID WASHINGTON, DC 20059	53-0204707	501(c)(3)	9,500		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF TOLEDO 2801 W BANCROFT STREET TOLEDO, OH 43606	34-6401483	501(c)(3)	9,337		N/A	N/A	GENERAL SUPPORT

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BOISE STATE UNIVERSITY 1910 UNIVERSITY DRIVE BOISE, ID 83725	82-6010706	501(c)(3)	9,300		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF WEST FLORIDA DIRECTOR OF STUDENT FINANCIAL AID PENSACOLA, FL 32514	15-9600187	FL State	9,250		N/A	N/A	GENERAL SUPPORT

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ACS PITTSBURGH LOCAL SECTION 2220 EAGLES NEST LN MONROEVILLE, PA 151461782	23-7401645	501(c)(3)	9,000		N/A	N/A	GENERAL SUPPORT
NORTHWESTERN UNIVERSITY DIRECTOR OF FINANCIAL AID EVANSTON, IL 60204	36-2167817	501(c)(3)	9,000		N/A	N/A	GENERAL SUPPORT

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POMONA COLLEGE 333 N COLLEGE WAY CLAREMONT, CA 91711	95-1664112	501(c)(3)	9,000		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF CINCINNATI 312 COLLEGE DRIVE CINCINNATI, OH 45221	31-6000989	OH State	8,500		N/A	N/A	GENERAL SUPPORT

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GEORGIA INSTITUTE OF TECHNOLOGY DIR OF FIN AID OFF OF STU FIN PLAN ATLANTA, GA 303320320	58-6002023	501(c)(3)	8,500		N/A	N/A	GENERAL SUPPORT
THE COLLEGE OF NEW JERSEY 2000 PENNINGTON ROAD EWING, NJ 086280718	22-2797398	NJ State	8,050		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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COLORADO STATE UNIVERSITY-PUEBLO 2200 BONFORTE BLVD PUEBLO, CO 80523	84-0517947	CO State	8,050		N/A	N/A	GENERAL SUPPORT
YOUNGSTOWN STATE UNIVERSITY ONE UNIVERSITY PLAZA YOUNGSTOWN, OH 44555	34-0111998	OH State	8,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

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ILLINOIS INSTITUTE OF TECHNOLOGY DIR OF FIN AID - RM 104 MAIN BUILDI CHICAGO, IL 60616	36-2170136	501(c)(3)	8,000		N/A	N/A	GENERAL SUPPORT
ACS CAROLINA PIEDMONT LOCAL SECTION 3830 MOUNTAIN COVE DRIVE CHARLOTTE, NC 282167781	56-1317493	501(c)(3)	8,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
LEMOYNE-OWEN COLLEGE 807 WALKER AVENUE MEMPHIS, TN 38126	62-0475690	501(c)(3)	8,000		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF PUERTO RICO MAYAGUEZ PO BOX 9000 MAYAGUEZ, PR 00928	66-0433761	501(c)(3)	7,950		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
DREW UNIVERSITY 36 MADISON AVENUE MADISON, NJ 07940	22-1487164	501(c)(3)	7,750		N/A	N/A	GENERAL SUPPORT
Rider University 2083 LAWRENCEVILLE RD LAWRENCEVILLE, NJ 08648	21-0650678	501(c)(3)	7,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
CLARK ATLANTA UNIVERSITY 223 James P Brawley Drive SW Atlanta, GA 30314	58-1825259	501(c)(3)	7,500		N/A	N/A	GENERAL SUPPORT
JACKSONVILLE STATE UNIVERSITY 700 PELHAM ROAD N Jacksonville, AL 36265	63-6001099	AL State	7,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF SOUTHERN MISSISSIPPI 118 COLLEGE DRIVE 5157 HATTIESBURG, MS 39406	64-6000818	501(c)(3)	7,500		N/A	N/A	GENERAL SUPPORT
MONTANA STATE UNIVERSITY DIRECTOR OF FINANCIAL AID SERVICE BOZEMAN, MT 59101	81-6010045	MT State	7,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
DOANE COLLEGE 1014 BOSWELL AVE CRETE, NE 68333	47-0377991	501(c)(3)	7,250		N/A	N/A	GENERAL SUPPORT
ACS Snake River Local Section PO BOX 7264 BOISE, ID 83701	26-0657692	501(c)(3)	7,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF SOUTHERN CALIFORNIA FINANCIAL AID OFFICE - SAS 324 LOS ANGELES, CA 90089	95-1642394	501(c)(3)	7,000		N/A	N/A	GENERAL SUPPORT
KENSAGROUP LLC 950 DANBY ROAD ITHACA, NY 148505714	16-1595854		6,667		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Gamma Sigma Epsilon Chemistry Honor Society 11300 NE 2nd Ave Miami Shores, FL 33161			6,500		N/A	N/A	GENERAL SUPPORT
WELLESLEY COLLEGE 106 CENTRAL ST WELLESLEY, MA 024818203	04-2103637	501(c)(3)	6,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
DEPAUW UNIVERSITY 204 EAST SEMINARY STREET GREENCASTLE, IN 461351611	35-0869045	501(c)(3)	6,500		N/A	N/A	GENERAL SUPPORT
ACS MIDLAND LOCAL SECTION 1897 BLDG MIDLAND, MI 48667	38-6076239	501(c)(3)	6,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIV OF MARYLAND BALTIMORE COUNTY DIRECTOR FINANCIAL AID BALTIMORE, MD 21228	52-3002033	MD State	6,500		N/A	N/A	GENERAL SUPPORT
PACE UNIVERSITY ONE PLACE PLAZA W332 NEW YORK, NY 100381598	13-5562314	501(c)(3)	6,450		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Rochester Institute of Technology 1 LOMB MEMORIAL DR ROCHESTER, NY 14623	16-0743140	501(c)(3)	6,250		N/A	N/A	GENERAL SUPPORT
ACS ROCHESTER LOCAL SECTION 67 BEVERLY ST ROCHESTER, NY 14610	16-6043932	501(c)(3)	6,250		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ACS DETROIT LOCAL SECTION 21000 W TEN MILE RD SOUTHFIELD, MI 480751058	38-6062823	501(c)(3)	6,200		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF CHICAGO 5801 S ELLIS AVE CHICAGO, IL 60615	36-2177139	501(c)(3)	6,050		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Seton Hall University 400 South Orange Ave South Orange, NJ 07079	22-1500645	NJ State	6,000		N/A	N/A	GENERAL SUPPORT
HARRISBURG UNIV OF SCIENCE & TECHNOLOGY DIRECTOR OF FINANCIAL AID HARRISBURG, PA 17101	25-1900793	501(c)(3)	6,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MISSOURI BAPTIST UNIVERSITY FINANCIAL AID OFFICE SAINT LOUIS, MO 63141	43-0817015	501(c)(3)	6,000		N/A	N/A	GENERAL SUPPORT
WICHITA STATE UNIVERSITY PHYSICS DEPARTMENT WICHITA, KS 67260	48-6029925	KS State	6,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
SOUTHEASTERN LOUISIANA UNIV 500 W UNIVERSITY AVE HAMMOND, LA 70402	72-6000816	LA State	6,000		N/A	N/A	GENERAL SUPPORT
University of California - Santa Barbara UC SANTA BARBARA SANTA BARBARA, CA 93106	77-0058608	501(c)(3)	6,000		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ACS PORTLAND LOCAL SECTION 17463 SCHALIT WAY LAKE OSWEGO, OR 970355435	93-6034605	501(c)(3)	6,000		N/A	N/A	GENERAL SUPPORT
ST EDWARDS UNIVERSITY 3001 S CONGRESS AVE AUSTIN, TN 787046489	74-1109641	501(c)(3)	5,800		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ACS NORTHEASTERN LOCAL SECTION 19 MILL ROAD HARVARD, MA 014511314	04-6037800	501(c)(3)	5,750		N/A	N/A	GENERAL SUPPORT
Bayonne High School Fund 669 AVENUE A BAYONNE, NJ 00928	22-6002962	NJ State	5,600		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
CALIFORNIA POLYTECHNIC STATE UNIVERSITY DEPT OF CHEMISTRY BIOCHEMISTRY SAN LUIS, CA 93407	95-1648180	501(c)(3)	5,550		N/A	N/A	GENERAL SUPPORT
Delta College 1961 Delta Road Room D167 University Center, MI 48710	38-6034011	MI state	5,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF VIRGINIA PO BOX 400204 CHARLOTTESVILLE, VA 22904	54-6001796	501(c)(3)	5,500		N/A	N/A	GENERAL SUPPORT
UNIVERSITY OF NORTH CAROLINA-CHARLOTTE 9201 University City Blvd Charlotte, NC 282230001	56-0791228	NC State	5,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
OREGON STATE UNIVERSITY 2100 SW CAMPUS WAY CORVALLIS, OR 97339	61-1730890	OR State	5,500		N/A	N/A	GENERAL SUPPORT
ACS DALLAS FORT WORTH LOCAL SECTION 6717 LAHONTAN DRIVE FORT WORTH, TX 761325461	75-6038078	501(c)(3)	5,500		N/A	N/A	GENERAL SUPPORT

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
LAFAYETTE COLLEGE 701 SULLIVAN ROAD EASTON, PA 180421770	24-0795686	501(c)(3)	5,300		N/A	N/A	GENERAL SUPPORT
PACIFIC LUTHERAN UNIVERSITY 12180 PARK AVE S TACOMA, WA 984470003	91-0565571	501(c)(3)	5,300		N/A	N/A	GENERAL SUPPORT

Schedule J
(Form 990)

Department of the Treasury
Internal Revenue Service

Compensation Information

OMB No 1545-0047

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees
 ▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 23.**
 ▶ **Attach to Form 990.**

2015
Open to Public Inspection

▶ **Information about Schedule J (Form 990) and its instructions is at www.irs.gov/form990.**

Name of the organization
AMERICAN CHEMICAL SOCIETY

Employer identification number
53-0196572

Part I Questions Regarding Compensation

	Yes	No
<p>1a Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.</p> <p> <input type="checkbox"/> First-class or charter travel <input type="checkbox"/> Travel for companions <input type="checkbox"/> Tax indemnification and gross-up payments <input type="checkbox"/> Discretionary spending account </p> <p> <input type="checkbox"/> Housing allowance or residence for personal use <input type="checkbox"/> Payments for business use of personal residence <input type="checkbox"/> Health or social club dues or initiation fees <input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef) </p>		
<p>b If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain.</p>	Yes	
<p>2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked in line 1a?</p>	Yes	
<p>3 Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.</p> <p> <input type="checkbox"/> Compensation committee <input type="checkbox"/> Independent compensation consultant <input type="checkbox"/> Form 990 of other organizations </p> <p> <input type="checkbox"/> Written employment contract <input type="checkbox"/> Compensation survey or study <input type="checkbox"/> Approval by the board or compensation committee </p>		
<p>4 During the year, did any person listed on Form 990, Part VII, Section A, line 1a with respect to the filing organization or a related organization:</p> <p>a Receive a severance payment or change-of-control payment?</p>		No
<p>b Participate in, or receive payment from, a supplemental nonqualified retirement plan?</p>	Yes	
<p>c Participate in, or receive payment from, an equity-based compensation arrangement?</p> <p>If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.</p>		No
<p>Only 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.</p>		
<p>5 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:</p> <p>a The organization?</p>		No
<p>b Any related organization?</p> <p>If "Yes," on line 5a or 5b, describe in Part III.</p>		No
<p>6 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:</p> <p>a The organization?</p>		No
<p>b Any related organization?</p> <p>If "Yes," on line 6a or 6b, describe in Part III.</p>		No
<p>7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III.</p>		No
<p>8 Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III.</p>		No
<p>9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?</p>		

Part II Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees. Use duplicate copies if additional space is needed.

For each individual whose compensation must be reported on Schedule J, report compensation from the organization on row (i) and from related organizations, described in the instructions, on row (ii). Do not list any individuals that are not listed on Form 990, Part VII.

Note. The sum of columns (B)(i)-(iii) for each listed individual must equal the total amount of Form 990, Part VII, Section A, line 1a, applicable column (D) and (E) amounts for that individual.

(A) Name and Title	(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column(B) reported as deferred on prior Form 990
	(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
See Additional Data Table							

Part III Supplemental Information

Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, and 8, and for Part II. Also complete this part for any additional information.

Return Reference	Explanation
PART I, LINE 1A	<p>FOR EACH OF THE LISTED BENEFITS PROVIDED TO OR FOR A LISTED PERSON PROVIDE IN PART III RELEVANT INFORMATION REGARDING THESE ITEMS. TYPE OF BENEFIT: FIRST CLASS TRAVEL. THE SOCIETY DOES NOT PAY FOR FIRST CLASS TRAVEL, EXCEPT IN UNUSUAL CASES. ANY FIRST CLASS TRAVEL FOR OFFICIAL ACS BUSINESS MUST BE APPROVED BY THE EXECUTIVE DIRECTOR & CEO. IN 2016, ON TWO OCCASIONS, IT WAS NECESSARY FOR THE ACS TO AUTHORIZE AND PAY FOR FIRST CLASS TICKETS DUE TO DOCUMENTED MEDICAL REASONS FOR AN ACS OFFICER WHO WAS ON OFFICIAL ACS BUSINESS TRAVEL. TYPE OF BENEFIT: TAX INDEMNIFICATION AND GROSS-UP PAYMENTS. IN 2016, A HIGHLY COMPENSATED INDIVIDUAL RECEIVED A GIFT CARD AWARD IN RECOGNITION OF COLLABORATIVE, INNOVATION EFFORTS, SUPERIOR PERFORMANCE AND RISK TAKING TO ADVANCE THE SOCIETY'S STRATEGIC GOALS AND OBJECTIVES. THE NOMINAL GIFT CARD AMOUNT INCLUDED A TAX GROSS UP TO COVER THE TAX LIABILITY, CONSISTENT WITH GIFT CARDS FOR ALL ACS EMPLOYEES. TYPE OF BENEFIT: HEALTH CLUB FEES. THIS IS A BENEFIT OFFERED TO ALL EMPLOYEES. THERE WERE TWO LISTED PERSONS (HIGHLY COMPENSATED EMPLOYEES) WHO ELECTED TO UTILIZE THIS BENEFIT. THE BENEFIT WAS TREATED AS TAXABLE COMPENSATION TO EACH LISTED PERSON. TYPE OF BENEFIT: SOCIAL CLUB DUES. THE ACS PAID FOR SOCIAL CLUB MEMBERSHIP DUES FOR THE THREE STAFF OFFICERS. THE PAYMENTS WERE TREATED AS ORDINARY AND NECESSARY BUSINESS EXPENSES. THE ACS AND THE THREE OFFICERS USED THE CLUB'S FACILITIES TO CONDUCT ACS BUSINESS ACTIVITIES. THE BENEFIT WAS NOT TREATED AS TAXABLE COMPENSATION FOR EACH EMPLOYEE. ACS DOES NOT REIMBURSE EXPENSES INCURRED FOR PERSONAL USE.</p>
PART I, LINE 4B	<p>NAMES OF LISTED PERSONS WHO PARTICIPATED IN, OR RECEIVED PAYMENTS FROM, A SUPPLEMENTAL NONQUALIFIED RETIREMENT PLAN: MR BRIAN A. BERNSTEIN. AMOUNT PAID - \$37,370, AMOUNT ACCRUED - NONE. DR BRIAN D. CRAWFORD. AMOUNT PAID - \$24,188, AMOUNT ACCRUED - NONE. TERMS AND CONDITIONS: THE ACS SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN (SERP) PROVIDES ELIGIBLE EMPLOYEES BENEFITS TAXABLE UNDER SECTION 457(F) OF THE CODE TO SUPPLEMENT RETIREMENT BENEFITS UNDER THE ACS'S TAX-QUALIFIED RETIREMENT PLAN THAT ARE LOST BECAUSE OF THE APPLICATION OF CERTAIN DOLLAR LIMITATIONS APPLICABLE TO BENEFITS OF MANAGEMENT OR HIGHLY COMPENSATED EMPLOYEES UNDER THE ACS'S TAX-QUALIFIED RETIREMENT PLAN.</p>

**SCHEDULE M
(Form 990)**

Noncash Contributions

OMB No 1545-0047

2016

▶ **Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.**
 ▶ **Attach to Form 990.**
 ▶ **Information about Schedule M (Form 990) and its instructions is at www.irs.gov/form990**

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

Name of the organization
AMERICAN CHEMICAL SOCIETY

Employer identification number
53-0196572

Part I Types of Property

	(a) Check if applicable	(b) Number of contributions or items contributed	(c) Noncash contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining noncash contribution amounts
1 Art—Works of art				
2 Art—Historical treasures				
3 Art—Fractional interests				
4 Books and publications	X		13,040	FMV
5 Clothing and household goods				
6 Cars and other vehicles				
7 Boats and planes				
8 Intellectual property				
9 Securities—Publicly traded	X	3	91,002	FMV
10 Securities—Closely held stock				
11 Securities—Partnership, LLC, or trust interests				
12 Securities—Miscellaneous				
13 Qualified conservation contribution—Historic structures				
14 Qualified conservation contribution—Other				
15 Real estate—Residential				
16 Real estate—Commercial				
17 Real estate—Other				
18 Collectibles				
19 Food inventory				
20 Drugs and medical supplies				
21 Taxidermy				
22 Historical artifacts				
23 Scientific specimens				
24 Archeological artifacts				
25 Other ▶ (LAB SUPPLIES)	X	7	7,932	FMV
26 Other ▶ (_____)				
27 Other ▶ (_____)				
28 Other ▶ (_____)				

29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part IV, Donee Acknowledgement **29**

30a During the year, did the organization receive by contribution any property reported in Part I, lines 1 through 28, that it must hold for at least three years from the date of the initial contribution, and which is not required to be used for exempt purposes for the entire holding period?

	Yes	No
30a		No
31	Yes	
32a		No
33		

b If "Yes," describe the arrangement in Part II

31 Does the organization have a gift acceptance policy that requires the review of any non-standard contributions?

32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions?

b If "Yes," describe in Part II

33 If the organization did not report an amount in column (c) for a type of property for which column (a) is checked, describe in Part II

Part II **Supplemental Information.**

Provide the information required by Part I, lines 30b, 32b, and 33, and whether the organization is reporting in Part I, column (b), the number of contributions, the number of items received, or a combination of both. Also complete this part for any additional information.

Return Reference

Explanation

SCHEDULE O
(Form 990 or 990-EZ)Department of the Treasury
Internal Revenue ServiceName of the organization
AMERICAN CHEMICAL SOCIETY**Supplemental Information to Form 990 or 990-EZ**

Complete to provide information for responses to specific questions on Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047

2016**Open to Public Inspection**

Employer identification number

53-0196572

990 Schedule O, Supplemental Information

Return Reference	Explanation
PART III, Line 4D	OTHER PROGRAM SERVICES INCLUDE THE AMERICAN CHEMICAL SOCIETY (ACS) MEMBER INSURANCE PROGRAM, ALSO KNOWN AS THE ACS GROUP LIFE INSURANCE TRUST, WHICH PROVIDES MEMBERS WITH INSURANCE COVERAGE THROUGH GROUP INSURANCE POLICIES OFFERINGS INCLUDE TERM LIFE, TEN- AND TWENTY-YEAR LEVEL TERM LIFE, HIGH LIMIT ACCIDENTAL DEATH AND DISMEMBERMENT, HOSPITAL INDEMNITY, DISABILITY INCOME PROTECTION, SUPPLEMENTAL HEALTH, PROFESSIONAL LIABILITY, AND AUTO/HOMEOWNERS INSURANCE

990 Schedule O, Supplemental Information

Return Reference	Explanation
PART V, Line 4A & 4B	AT ANY TIME DURING THE CALENDAR YEAR, DID THE ORGANIZATION HAVE AN INTEREST IN, OR A SIGNATURE OR OTHER AUTHORITY OVER, A FINANCIAL ACCOUNT IN A FOREIGN COUNTRY (SUCH AS A BANK ACCOUNT, SECURITIES ACCOUNT, OR OTHER FINANCIAL ACCOUNT)? YES IF "YES" ENTER THE NAME OF THE FOREIGN COUNTRY UNITED KINGDOM IN 2016, THE ACS MAINTAINED BANK ACCOUNTS IN THE UNITED KINGDOM FOR PURPOSES OF COLLECTING REVENUE AND PAYING EXPENSES DENOMINATED IN FOREIGN CURRENCIES

990 Schedule O, Supplemental Information

Return Reference	Explanation
PART VI, Section A - Governing body and Management line 2	<p>DID ANY OFFICER, DIRECTOR, TRUSTEE, OR KEY EMPLOYEE HAVE A FAMILY RELATIONSHIP OR A BUSINESS RELATIONSHIP WITH ANY OTHER OFFICER, DIRECTOR, TRUSTEE, OR KEY EMPLOYEE? YES IN 2016, THE FOLLOWING INDIVIDUALS HAD BUSINESS RELATIONSHIPS BY SERVING TOGETHER (IN AN UNPAID CAPACITY) ON THE BOARD OF AN ACS RELATED ORGANIZATION, ACS INTERNATIONAL LTD (ACSI) Dr Thomas Connelly Jr (ACSI CHAIR OF THE BOARD), MANUEL GUZMAN (ACSI PRESIDENT AND DIRECTOR), AND FLINT LEWIS (ACSI DIRECTOR) BRIAN BERNSTEIN SERVED AS AN ACSI OFFICER (SECRETARY/TREASURER) THEY RECEIVED NO COMPENSATION FOR THEIR SERVICE AS DIRECTOR OR OFFICER OF ACSI Part VI, Section A, line 5 Did the Organization become aware during the year of a significant diversion of the organization's assets? YES As one of the worlds leading scientific publishers, ACS distributes almost all of its content via the internet In 2016, ACS had more than 90 million full text downloads of ACS journal and eBook content From time to time, ACS experiences attempts to download its content without proper authorization In 2016, ACS suffered a series of cyber-thefts of its intellectual property, over 500,000 scientific articles were improperly downloaded by one or more unknown persons ACS determined that its Information Technology (IT) system had not been breached, instead, the unknown perpetrators improperly downloaded ACS content after accessing the IT systems of several ACS institutional customers Having accessed these systems, the perpetrators were able to use the legitimate access rights of ACSs customers to pursue unauthorized downloading In response, ACS has reached out to its customers regarding this matter and has implemented additional confidential security measures ACS continues to explore methods of minimizing the risk of a recurrence</p>

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Return Reference	Explanation
LINE 6	<p>DID THE ORGANIZATION HAVE MEMBERS OR STOCKHOLDERS? YES THE AMERICAN CHEMICAL SOCIETY IS A FEDERALLY CHARTERED NOT-FOR-PROFIT CORPORATION WHOSE MEMBERSHIP IS OPEN TO INDIVIDUALS WHO ARE INTERESTED IN THE OBJECTS OF ACS AND WHO MEET THE REQUIREMENTS FOR MEMBERS OR STUDENT MEMBERS, AS PROVIDED IN THE ACS CONSTITUTION AND BYLAWS THE ACS MAY APPROVE FOR MEMBER A PERSON WHO MEETS ANY OF THE REQUIREMENTS FOR FORMAL TRAINING, EXPERIENCE, OR EMPLOYMENT IN A CHEMICAL SCIENCE OR IN A RELATED FIELD OF NATURAL SCIENCE, ENGINEERING, TECHNOLOGY, OR SCIENCE EDUCATION NATURAL SCIENCES ARE THOSE THAT DEAL WITH MATTER, ENERGY, AND THEIR INTERRELATIONSHIPS AND TRANSFORMATIONS THE ACS MAY APPROVE FOR STUDENT MEMBER, A PERSON WHO IS ACTIVELY WORKING TOWARD AN UNDERGRADUATE DEGREE IN A CHEMICAL SCIENCE OR IN A RELATED FIELD OF NATURAL SCIENCE, ENGINEERING, TECHNOLOGY, OR SCIENCE EDUCATION FROM AN APPROPRIATELY ACCREDITED EDUCATIONAL INSTITUTION, OR ONE ACCEPTABLE TO THE ACS IN 2016, THE FOLLOWING CATEGORIES OF MEMBERS HAD THE RIGHT TO ELECT THE MEMBERS OF THE GOVERNING BODY OR THEIR DELEGATES - REGULAR MEMBER - A PERSON THAT HAS A DEGREE OR CERTIFICATION IN CHEMICAL OR RELATED SCIENCES, OR CERTIFICATION AS A TEACHER OF A CHEMICAL SCIENCE - UNDERGRADUATE STUDENT MEMBER - A PERSON ACTIVELY WORKING TOWARD AN UNDERGRADUATE DEGREE IN CHEMISTRY OR IN A RELATED ACADEMIC DISCIPLINE, SHALL BE ENTITLED TO A FIVE-SIXTH DISCOUNT ON DUES AN UNDERGRADUATE STUDENT MEMBER IS ENTITLED TO ALL PRIVILEGES OF MEMBERSHIP EXCEPT THAT OF HOLDING AN ELECTIVE POSITION OF THE ACS, ITS LOCAL SECTIONS, OR ITS DIVISIONS, AND THE PRIVILEGE OF SERVING AS TEMPORARY SUBSTITUTE COUNCILOR</p>

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Return Reference	Explanation
LINE 7A	<p>DID THE ORGANIZATION HAVE MEMBERS, STOCKHOLDERS, OR OTHER PERSONS WHO HAD THE POWER TO ELECT OR APPOINT ONE OR MORE MEMBERS OF THE GOVERNING BODY? YES AS DESCRIBED ON LINE 6, ACS MEMBERS, OR THEIR ELECTED MEMBER REPRESENTATIVES ("COUNCILORS") FROM ACS LOCAL SECTIONS AND DIVISIONS, ELECT ACS BOARD MEMBERS ALL ACS MEMBERS BECOME MEMBERS OF ACS DIVISIONS AND LOCAL SECTIONS A DIVISION IS A GROUP OF 50 OR MORE MEMBERS WITH A COMMON INTEREST IN A PARTICULAR FIELD OF SOCIETY INTEREST AUTHORIZED BY THE ACS COUNCIL A LOCAL SECTION IS A GROUP OF 50 OR MORE MEMBERS COVERING A TERRITORY APPROVED BY THE ACS COUNCIL IN 2016, THE ACS HAD 154,580 MEMBERS WHO WERE EITHER A REGULAR MEMBER OR AN UNDERGRADUATE STUDENT MEMBER, WHO ELECT THE ACS PRESIDENT-ELECT IN ADDITION TO THE PRESIDENT-ELECT, THERE ARE TWO EX-OFFICIO VOTING MEMBERS OF THE BOARD OF DIRECTORS THE CURRENT PRESIDENT AND THE MOST RECENT PAST PRESIDENT (BOTH ELECTED BY THE MEMBERSHIP IN PRIOR YEARS) THE SIX DISTRICT DIRECTORS, WHO ALSO SERVE ON THE ACS BOARD, ARE ELECTED BY THE MEMBERS OF THE SIX GEOGRAPHICAL DISTRICTS AS PROVIDED IN THE BYLAWS, FROM WHICH THEY ARE TO SERVE IN ADDITION, THE SIX DIRECTORS-AT-LARGE ARE ELECTED BY THE COUNCIL THE ACS COUNCIL IS COMPOSED OF THE ACS PRESIDENT, THE PRESIDENT-ELECT, THE DIRECTORS, THE PAST PRESIDENTS, THE EXECUTIVE DIRECTOR, THE SECRETARY, AND THE COUNCILORS REPRESENTING ACS DIVISIONS AND LOCAL SECTIONS, ALL OF WHOM SHALL BE KNOWN AS VOTING COUNCILORS, IF MEMBERS OF THE ACS COUNCILORS ARE ELECTED BY DIVISION AND LOCAL SECTION MEMBERS (IN 2016, ACS HAD 32 DIVISIONS AND 185 LOCAL SECTIONS) TWENTY PERCENT OF ELECTED COUNCILORS ARE ELECTED BY DIVISIONS AND 80% ARE ELECTED BY LOCAL SECTIONS</p>

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Return Reference	Explanation
PART VI, SECTION B - POLICIES, LINE 11B	DESCRIBE IN SCHEDULE O THE PROCESS, IF ANY, USED BY THE ORGANIZATION TO REVIEW THIS FORM 990 THE ACS FORM 990, INCLUDING REQUIRED SCHEDULES AND SUPPORTING DOCUMENTATION, WAS PREPARED BY THE ACS TAX COMPLIANCE AND REPORTING OFFICE (TAX OFFICE) A DETAILED REVIEW OF THE RETURN WAS CONDUCTED BY THE ASSISTANT DIRECTOR, FINANCIAL SERVICES, AND THE DIRECTOR OF FINANCE & ACS CONTROLLER THE RETURN WAS THEN REVIEWED BY MEMBERS OF ACS SENIOR MANAGEMENT INCLUDING THE TREASURER & CHIEF FINANCIAL OFFICER, DIRECTOR OF HUMAN RESOURCES, DIRECTOR OF PUBLIC AFFAIRS, SECRETARY & GENERAL COUNSEL, AND EXECUTIVE DIRECTOR & CEO IN ADDITION, THE RETURN WAS REVIEWED BY THE SOCIETY'S EXTERNAL TAX ADVISERS, KPMG LLP PRIOR TO THE FILING OF THE RETURN WITH THE INTERNAL REVENUE SERVICE, A COPY OF THE FINAL FORM 990 AND REQUIRED SCHEDULES WAS MADE AVAILABLE TO EACH MEMBER OF THE BOARD OF DIRECTORS AND EACH MEMBER OF THE AUDIT COMMITTEE FOR THEIR REVIEW

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Return Reference	Explanation
LINE 12C	<p>DID THE ORGANIZATION REGULARLY AND CONSISTENTLY MONITOR AND ENFORCE COMPLIANCE WITH THE CONFLICT OF INTEREST POLICY? YES IF "YES", DESCRIBE IN SCHEDULE O HOW THIS IS DONE PURSUANT TO ACS BOARD REGULATIONS, DIRECTORS, OFFICERS, KEY EMPLOYEES, AND MEMBERS OF TWO ACS COMMITTEES AND ONE GOVERNING BOARD (THE COMMITTEE ON BUDGET AND FINANCE, THE COMMITTEE ON EDUCATION AND THE GOVERNING BOARD FOR PUBLISHING) ARE REQUIRED TO ANNUALLY SUBMIT A COMPLETED CONFLICT OF INTEREST DISCLOSURE FORM THE ACS SECRETARY & GENERAL COUNSEL REVIEWS EACH OF THE FORMS (EXCEPT HIS/HER OWN, WHICH IS REVIEWED BY THE EXECUTIVE DIRECTOR & CEO) AND ASSESSES WHETHER AN ACTUAL OR POTENTIAL CONFLICT OF INTEREST EXISTS/MAY EXIST AND WHETHER THE INDIVIDUAL SHOULD REFRAIN FROM CONSIDERATION OF RELATED ITEMS WHENEVER ANY BUSINESS MATTER, WHICH IS TO BE CONSIDERED BY BOARD-RELATED BODIES, OFFICERS, OR KEY EMPLOYEES, INVOLVES ACTIVITIES OR INFORMATION THAT MIGHT DIRECTLY OR INDIRECTLY PLACE A PARTICIPANT IN A SPECIAL CONFLICT OF INTEREST, THEN THE AFFECTED INDIVIDUAL SHALL REFRAIN FROM PARTICIPATING IN THE CONSIDERATION OF, OR ANY VOTING UPON, SUCH MATTER The ACS Policies and Procedures Manual includes a Conflict of Interest policy applicable to all ACS employees Additionally, on an annual basis, ACS employees in key positions are required to read, reaffirm their understanding of the ACS Conflict of Interest Policy, and, if applicable, to submit a completed conflict of interest disclosure form Disclosure forms may be reviewed by a combination of Human Resources, General Counsel, and the employee's management chain, as appropriate, to determine whether an actual or potential conflict of interest exists/may exist and how to relieve any genuine conflict Under ACS policy, a conflict of interest occurs when an employee permits the possibility of gain to himself or his immediate family, or permits others to have influence over his judgment when carrying out duties on behalf of the Society An action may constitute a conflict of interest without being in violation of any laws, rules, or regulations If an employee has questions about outside activities that may conflict with the Societys interests, the employee is required to consult with Human Resources in writing and receives a formal written response</p>

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Return Reference	Explanation
LINE 15	<p>DID THE PROCESS FOR DETERMINING COMPENSATION OF THE FOLLOWING PERSONS INCLUDE A REVIEW AND APPROVAL BY INDEPENDENT PERSONS, COMPARABILITY DATA, AND CONTEMPORANEOUS SUBSTANTIATION OF THE DELIBERATION AND DECISION? LINE 15A THE ORGANIZATION'S CEO, EXECUTIVE DIRECTOR, OR TOP MANAGEMENT OFFICIAL - YES LINE 15B OTHER OFFICERS OR KEY EMPLOYEES OF THE ORGANIZATION - YES IF "YES" TO LINE 15A OR 15B, - DESCRIBE THE PROCESS IN SCHEDULE O, - IDENTIFY THE OFFICES OR POSITIONS FOR WHICH THE PROCESS WAS USED TO ESTABLISH COMPENSATION OF THE PERSONS WHO SERVED IN THOSE OFFICES OR POSITIONS, - ENTER THE YEAR IN WHICH THE PROCESS WAS LAST UNDERTAKEN FOR EACH SUCH PERSON</p> <p>The ACS Board of Directors determines the salaries and incentive pay of the organizations Executive Director & CEO, top management officials, other officers, and key employees. The ACS Board of Directors is advised on the salaries and incentive payments for the Executive Director & CEO, officers, top management officials, and key employees by the ACS Committee on Executive Compensation. Members of this Committee include nonpaid ACS members the ACS President-Elect, the ACS President, the ACS Past President, the Chair of the ACS Budget & Finance Committee, and two ACS members with "expertise in senior and executive staff compensation issues" who are appointed by the ACS Board Chair as well as the Executive Director & CEO who serves ex officio (non-voting). The Chair of this Committee is appointed by the ACS Board Chair from among the Committee members. In addition, the Committee on Executive Compensation is advised on the salary and incentive payment for the Executive Director & CEO by a Subcommittee of the ACS Boards Executive Committee the Committee to Review the Executive Director (CRED) Members of this Subcommittee include the ACS Board Chair, the ACS President-Elect, the ACS President, the ACS Immediate Past President (Presidential Succession from performance year) and the longest tenured Board member who is an elected member of the Boards Executive Committee (for performance year under consideration). The Chair of this Subcommittee is the ACS Board Chair. The total cash compensation for ACSs executive positions is regularly benchmarked against comparable executive positions using independently published compensation survey data and independent executive consultants. These positions have been benchmarked eleven separate times by William M Mercer, Inc (1994 and 1997), KPMG Peat Marwick (1998), Quatt Associates (2000, 2002, 2010, 2013, and 2015), Aon Consulting (2004), and Towers Perrin HR Services (2006 and 2008). The salary increases and incentive payments for the Executive Director & CEO, officers, top management officials, and key employees in 2016 were based on the 2015 performance year and were reviewed by the Committee on Executive Compensation and the ACS Board. The Committee and Board voted on these increases and incentives which were documented in the minutes from the Committee.</p>

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LINE 15	nd Board meetings. The salary increase and incentive payment for the Executive Director & CEO were also reviewed by the CRED Subcommittee. The written performance reviews and related documentation were provided to the Committee members and the ACS Board of Directors. Salary increases for 2016 for ACS executives were processed at the end of the first quarter of 2017.

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Return Reference	Explanation
PART VI, SECTION C - DISCLOSURE, LINE 19	DESCRIBE IN SCHEDULE O WHETHER (AND IF SO, HOW) THE ORGANIZATION MAKES ITS GOVERNING DOCUMENTS, CONFLICT OF INTEREST POLICY, AND FINANCIAL STATEMENTS AVAILABLE TO THE PUBLIC THE AMERICAN CHEMICAL SOCIETY'S CHARTER, CONSTITUTION, BYLAWS, REGULATIONS, WRITTEN CONFLICT OF INTEREST POLICY CONTAINED WITHIN ITS REGULATIONS, AND AUDITED FINANCIAL STATEMENTS ARE AVAILABLE TO THE PUBLIC THROUGH THE ORGANIZATION'S WEBSITE AT HTTPS //WWW ACS ORG THE ACS HUMAN RESOURCES POLICIES AND PROCEDURES, AVAILABLE ONLY FOR EMPLOYEES AND NOT AVAILABLE TO THE PUBLIC, INCLUDE A WRITTEN CONFLICT OF INTEREST POLICY UNDER THE CODE OF ETHICS POLICY

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Return Reference	Explanation
PART IX, LINE 11G OTHER FEES FOR SERVICES	EDITORIAL FEES \$31,017,006 CONSULTING FEES 30,464,722 ABSTRACTING SERVICES 26,363,068 MARKETING FEES 22,269,434 OTHER PROFESSIONAL FEES 3,763,443 TEMPORARY FEES 3,251,598 HONORARIA 722,087 WRITERS FEES 578,711 ADMINISTRATIVE FEES 287,000 ----- TOTAL OTHER FEES \$118,717,069 =====

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Return Reference	Explanation
PART XI, LINE 9	OTHER CHANGES IN NET ASSETS OR FUND BALANCES CHANGE IN PENSION FUNDING STATUS \$5,432,633 GRANT REFUNDS 253,332 ----- LINE 9, OTHER CHANGES IN NET ASSETS/FUND BALANCES \$5,685,965 =====

**SCHEDULE R
(Form 990)**

Related Organizations and Unrelated Partnerships

OMB No 1545-0047

2016

**Open to Public
Inspection**

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.

▶ Attach to Form 990.

▶ Information about Schedule R (Form 990) and its instructions is at www.irs.gov/form990.

Department of the Treasury
Internal Revenue Service

Name of the organization
AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I Identification of Disregarded Entities Complete if the organization answered "Yes" on Form 990, Part IV, line 33.

(a) Name, address, and EIN (if applicable) of disregarded entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Total income	(e) End-of-year assets	(f) Direct controlling entity

Part II Identification of Related Tax-Exempt Organizations Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related tax-exempt organizations during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Exempt Code section	(e) Public charity status (if section 501(c)(3))	(f) Direct controlling entity	(g) Section 512(b)(13) controlled entity?	
						Yes	No

Part III Identification of Related Organizations Taxable as a Partnership Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related organizations treated as a partnership during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Predominant income(related, unrelated, excluded from tax under sections 512-514)	(f) Share of total income	(g) Share of end-of-year assets	(h) Disproportionate allocations?		(i) Code V-UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner?		(k) Percentage ownership
							Yes	No		Yes	No	

Part IV Identification of Related Organizations Taxable as a Corporation or Trust Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related organizations treated as a corporation or trust during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end-of-year assets	(h) Percentage ownership	(i) Section 512 (b)(13) controlled entity?	
								Yes	No
(1) ACS INTERNATIONAL LTD 1155 16TH ST NW WASHINGTON, DC 20036 52-1916157	MARKETING	DC	ACS	C CORP	11,521,093	4,913,048	100 000 %	Yes	
(2) HAMPDEN DATA SERVICES LTD 32A STONEY ST NOTTINGHAM NG1 1LL UK 98-1040114	SOFTWARE DVLP	UK	ACS	C CORP	1,525,728	361,816	100 000 %	Yes	
(3) ACS GROUP LIFE INSURANCE TRUST 1155 16TH ST NW WASHINGTON, DC 20036 23-7093797	INSURANCE	DC	ACS	GRANTOR TRUST	16,747,710	49,681,268	100 000 %	Yes	

Part V Transactions With Related Organizations Complete if the organization answered "Yes" on Form 990, Part IV, line 34, 35b, or 36.

Note. Complete line 1 if any entity is listed in Parts II, III, or IV of this schedule

	Yes	No
1 During the tax year, did the organization engage in any of the following transactions with one or more related organizations listed in Parts II-IV?		
a Receipt of (i) interest, (ii) annuities, (iii) royalties, or (iv) rent from a controlled entity	1a	No
b Gift, grant, or capital contribution to related organization(s)	1b	No
c Gift, grant, or capital contribution from related organization(s)	1c	No
d Loans or loan guarantees to or for related organization(s)	1d	No
e Loans or loan guarantees by related organization(s)	1e	No
f Dividends from related organization(s)	1f	No
g Sale of assets to related organization(s)	1g	No
h Purchase of assets from related organization(s)	1h	No
i Exchange of assets with related organization(s)	1i	No
j Lease of facilities, equipment, or other assets to related organization(s)	1j	No
k Lease of facilities, equipment, or other assets from related organization(s)	1k	No
l Performance of services or membership or fundraising solicitations for related organization(s)	1l	Yes
m Performance of services or membership or fundraising solicitations by related organization(s)	1m	Yes
n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)	1n	Yes
o Sharing of paid employees with related organization(s)	1o	Yes
p Reimbursement paid to related organization(s) for expenses	1p	No
q Reimbursement paid by related organization(s) for expenses	1q	No
r Other transfer of cash or property to related organization(s)	1r	No
s Other transfer of cash or property from related organization(s)	1s	Yes

2 If the answer to any of the above is "Yes," see the instructions for information on who must complete this line, including covered relationships and transaction thresholds

(a) Name of related organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved
(1) ACS INTERNATIONAL LTD	M	12,183,732	FMV
(2) HAMPDEN DATA SERVICES LTD	M	1,717,295	FMV
(3) ACS Group Life Insurance Trust	L	639,968	FMV
(4) ACS GROUP LIFE INSURANCE TRUST	S	200,000	FMV

Part VII **Supplemental Information**

Provide additional information for responses to questions on Schedule R (see instructions)

Return Reference	Explanation
PART IV, LINE 3	ACS GROUP LIFE INSURANCE TRUST (EIN 23-7093797) IS A WHOLLY-OWNED GRANTOR TRUST AND, AS SUCH, IS NOT CONSIDERED A SEPARATE TAXABLE ENTITY. ALL ACTIVITIES OF THE TRUST ARE CONSOLIDATED WITH THE TAX RETURNS OF THE AMERICAN CHEMICAL SOCIETY FOR TAX PURPOSES.