

Form **990**

(Rev. January 2020)

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.
- ▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2019

Open to Public Inspection

A For the **2019** calendar year, or tax year beginning , **2019**, and ending , **20**

B Check if applicable:

<input type="checkbox"/>	Address change
<input type="checkbox"/>	Name change
<input type="checkbox"/>	Initial return
<input type="checkbox"/>	Final return/terminated return
<input type="checkbox"/>	Amended return
<input type="checkbox"/>	Application pending

C Name of organization: **AMERICAN CHEMICAL SOCIETY**
 Doing business as: _____
 Number and street (or P.O. box if mail is not delivered to street address) Room/suite: _____
1155 SIXTEENTH STREET, N.W.
 City or town, state or province, country, and ZIP or foreign postal code: _____
WASHINGTON, DC 20036-4892

D Employer identification number: **53-0196572**

E Telephone number: **(202) 872-4596**

F Name and address of principal officer: **THOMAS M. CONNELLY, JR.**
1155 SIXTEENTH STREET, NW, WASHINGTON, DC 20036-4892

G Gross receipts \$ **1,894,662,640.**

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)

I Tax-exempt status: 501(c)(3) 501(c) () ◀ (insert no.) 4947(a)(1) or 527

J Website: ▶ **HTTPS://WWW.ACS.ORG**

K Form of organization: Corporation Trust Association Other ▶ _____

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

H(c) Group exemption number ▶ **0945**

Part I Summary

Activities & Governance	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 <input type="checkbox"/> 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) 3 15.
	4 Number of independent voting members of the governing body (Part VI, line 1b) 4 14.
	5 Total number of individuals employed in calendar year 2019 (Part V, line 2a) 5 2,171.
	6 Total number of volunteers (estimate if necessary) 6 127,040.
	7a Total unrelated business revenue from Part VIII, column (C), line 12 7a 19,157,538.
7b Net unrelated business taxable income from Form 990-T, line 39 7b 0.	
Revenue	8 Contributions and grants (Part VIII, line 1h) 8 3,878,073. Prior Year 4,185,288. Current Year
	9 Program service revenue (Part VIII, line 2g) 9 563,248,743. 586,622,215.
	10 Investment income (Part VIII, column (A), lines 3, 4, and 7d) 10 74,792,295. 77,374,860.
	11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e) 11 2,560,164. 2,872,944.
	12 Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12) 12 644,479,275. 671,055,307.
	13 Grants and similar amounts paid (Part IX, column (A), lines 1-3) 13 23,846,200. 24,125,731.
Expenses	14 Benefits paid to or for members (Part IX, column (A), line 4) 14 0. 0.
	15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10) 15 251,701,480. 270,419,088.
	16a Professional fundraising fees (Part IX, column (A), line 11e) 16a 0. 0.
	b Total fundraising expenses (Part IX, column (D), line 25) ▶ 1,432,323.
	17 Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e) 17 288,422,975. 300,894,902.
	18 Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25) 18 563,970,655. 595,439,721.
19 Revenue less expenses. Subtract line 18 from line 12 19 80,508,620. 75,615,586.	
Net Assets or Fund Balances	20 Total assets (Part X, line 16) 20 1,396,004,967. Beginning of Current Year 1,523,678,797. End of Year
	21 Total liabilities (Part X, line 26) 21 427,131,780. 347,310,784.
	22 Net assets or fund balances. Subtract line 21 from line 20. 22 968,873,187. 1,176,368,013.

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: **ALBERT HORVATH** Date: **11/09/2020**
 Type or print name and title: **TREASURER & CFO**

Paid Preparer Use Only

Print/Type preparer's name: **RAYMOND LY** Preparer's signature: _____ Date: _____
 Check if self-employed PTIN: **P01205643**

Firm's name ▶ **KPMG LLP** Firm's EIN ▶ **13-5565207**
 Firm's address ▶ **8350 BROAD STREET SUITE 900 MCLEAN, VA 22102** Phone no. **703-286-8000**

May the IRS discuss this return with the preparer shown above? (see instructions) Yes No

For Paperwork Reduction Act Notice, see the separate instructions. Form **990** (2019)

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line in this Part III Yes No

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 \$ 442,765,152. including grants of \$) (Revenue \$ 557,845,958.)
ATTACHMENT 1

4b (Code:) (Expenses \$ 53,974,980. including grants of \$ 6,570,732.) (Revenue \$ 17,649,290.)
ATTACHMENT 2

4c (Code:) (Expenses \$ 19,874,576. including grants of \$ 17,555,000.) (Revenue \$)
ATTACHMENT 3

4d Other program services (Describe on Schedule O.)
(Expenses \$ 13,460,676. including grants of \$) (Revenue \$ 11,403,600.)

4e Total program service expenses ▶ 530,075,384.

Part IV Checklist of Required Schedules

Table with 3 columns: Question ID, Question Text, Yes, No. Rows 1-21 with various questions about organizational activities and financial reporting.

Part IV Checklist of Required Schedules (continued)

Table with 3 columns: Question number, Question text, and Yes/No columns. Rows 22-38 cover various organizational requirements and reporting obligations.

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 3 columns: Question number, Question text, and Yes/No columns. Rows 1a-1c cover Form 1096 reporting and backup withholding rules.

Part V Statements Regarding Other IRS Filings and Tax Compliance (continued)

Table with columns for question number, question text, and Yes/No response boxes. Includes questions 2a through 16 regarding employee counts, tax returns, business income, foreign accounts, prohibited transactions, and charitable contributions.

Part VI Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes on 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 (15), 1b (14), 2, 3, 4, 5, 6, 7a, 7b, 8a, 8b, 9.

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, 10b, 11a, 11b, 12a, 12b, 12c, 13, 14, 15a, 15b, 16a, 16b.

Section C. Disclosure

- 17 List the states with which a copy of this Form 990 is required to be filed ATTACHMENT 4
18 Section 6104 requires an organization to make its Forms 1023 (1024 or 1024-A, if applicable), 990, and 990-T (Section 501(c) (3)s only) available for public inspection. Indicate how you made these available. Check all that apply.
19 Describe on 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

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

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

Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

1a Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
- List all of the organization's **current** key employees, if any. See instructions for definition of "key employee."
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations. See instructions for the order in which to list the persons above.

Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

(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			
(1) MR. MANUEL GUZMAN PRESIDENT, CAS	40.00 2.00				X			1,096,657.	0.	58,440.
(2) DR. THOMAS M. CONNELLY, JR. EXECUTIVE DIRECTOR & CEO	40.00 .50	X		X				1,051,766.	0.	62,506.
(3) DR. BRIAN D. CRAWFORD PRESIDENT PUBS-RETIRED 9/20/19	40.00 0.				X			689,093.	0.	46,671.
(4) MR. BOLLAMPALLI RAO CTO VP INFO TECH, CAS	40.00 2.50					X		545,506.	0.	64,793.
(5) MR. JOHN R. SULLIVAN CHIEF INFORMATION OFFICER	40.00 0.				X			515,230.	0.	61,604.
(6) MR. FLINT H. LEWIS SECRETARY & GENERAL COUNSEL	40.00 3.00			X				489,818.	0.	62,272.
(7) MR. CRAIG STEPHENS SVP, SALES & MARKETING, CAS	40.00 3.00					X		461,923.	0.	60,687.
(8) DR. MICHAEL DENNIS VP, LEGAL ADM, PMO & INNVTN, CAS	40.00 1.00					X		460,680.	0.	57,539.
(9) MR. BRANDON NORDIN SVP SALES, MKTG DGT STGY, PUBS	40.00 2.00					X		441,758.	0.	50,614.
(10) MR. TIMOTHY WAHLBERG VP PRODUCT MANAGEMENT, CAS	40.00 1.00					X		409,482.	0.	60,724.
(11) DR. JAMES MILNE ACTING PRESIDENT, PUBS	40.00 0.				X			0.	425,324.	30,732.
(12) MR. ALBERT HORVATH TREASURER & CFO	40.00 .50			X				367,851.	0.	45,308.
(13) MR. BRIAN A. BERNSTEIN TREAS & CFO-RETIRED 2/28/19	40.00 .50			X				288,690.	0.	18,124.
(14) DR. JOHN E. ADAMS CHAIR & DIRECTOR, DISTRICT V	20.00 0.	X		X				0.	0.	0.

Part VII Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (continued)

(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			
15) DR. BONNIE A. CHARPENTIER PRESIDENT	20.00 0.	X		X				0.	0.	0.
16) DR. LUIS A. ECHEGOYEN PRESIDENT-ELECT	10.00 0.	X		X				0.	0.	0.
17) DR. PETER K. DORHOUT IMMEDIATE PAST PRESIDENT	10.00 0.	X		X				0.	0.	0.
18) DR. KATHERINE L. LEE DIRECTOR, DISTRICT I	10.00 0.	X						0.	0.	0.
19) DR. CHRISTINA BODUROW DIRECTOR, DISTRICT II	10.00 0.	X						0.	0.	0.
20) DR. TERI QUINN GRAY DIRECTOR, DISTRICT III	10.00 0.	X						0.	0.	0.
21) DR. RIGOBERTO HERNANDEZ DIRECTOR, DISTRICT IV	10.00 0.	X						0.	0.	0.
22) DR. PAUL W. JAGODZINSKI DIRECTOR, DISTRICT VI	10.00 0.	X						0.	0.	0.
23) DR. LEE H. LATIMER DIRECTOR-AT-LARGE	10.00 0.	X						0.	0.	0.
24) DR. INGRID MONTES DIRECTOR-AT-LARGE	10.00 0.	X						0.	0.	0.
25) DR. DOROTHY J. PHILLIPS DIRECTOR-AT-LARGE	10.00 0.	X						0.	0.	0.
1b Sub-total								6,818,454.	425,324.	680,014.
c Total from continuation sheets to Part VII, Section A								0.	0.	0.
d Total (add lines 1b and 1c)								6,818,454.	425,324.	680,014.

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization **▶ 640**

	Yes	No
3 Did the organization list any former officer, director, or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i>		X
4 For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If "Yes," complete Schedule J for such individual</i>	X	
5 Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? <i>If "Yes," complete Schedule J for such person</i>		X

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

(A) Name and business address	(B) Description of services	(C) Compensation
ATTACHMENT 5		

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 in compensation from the organization **▶ 225**

Part VII Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (continued)

Table with 7 main columns: (A) Name and title, (B) Average hours per week, (C) Position (Individual trustee or director, Institutional trustee, Officer, Key employee, Highest compensated employee, Former), (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. Includes rows for DR. BARBARA SAWREY, DR. KATHLEEN M. SCHULZ, and DR. WAYNE E. JONES, JR.

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization 640

Table with 3 columns: Question number, Yes, No. Contains questions 3, 4, and 5 regarding compensation reporting and unrelated organizations.

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

Table with 3 columns: (A) Name and business address, (B) Description of services, (C) Compensation. Includes header row and several empty rows for data entry.

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 in compensation from the organization

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	486,360.				
	f	All other contributions, gifts, grants, and similar amounts not included above .	1f	3,698,928.				
	g	Noncash contributions included in lines 1a-1f.	1g	\$ 40,943.				
	h	Total. Add lines 1a-1f ▶		4,185,288.				
	Program Service Revenue	2a	INFORMATION SERVICES	Business Code	541800	557,845,958.	549,905,700.	7,940,258.
b		EDUCATION & MEMBERSHIP	Business Code	541800	17,649,290.	5,366,832.	90,313.	
c		MEMBER INSURANCE PROGRAM	Business Code	525920	11,126,967.		11,126,967.	
d								
e								
f		All other program service revenue						
g		Total. Add lines 2a-2f ▶			586,622,215.			
Other Revenue		3	Investment income (including dividends, interest, and other similar amounts). ▶			29,359,475.		29,359,475.
	4	Income from investment of tax-exempt bond proceeds . ▶			0.			
	5	Royalties ▶			2,596,311.		2,596,311.	
	6a	Gross rents	6a	(i) Real	55,861.	0.		
				(ii) Personal				
	b	Less: rental expenses	6b		27,535.	0.		
	c	Rental income or (loss)	6c		28,326.			
	d	Net rental income or (loss) ▶			28,326.	28,326.		
	7a	Gross amount from sales of assets other than inventory	7a	(i) Securities	1,271,595,182.			
				(ii) Other				
	b	Less: cost or other basis and sales expenses . .	7b		1,223,579,798.			
	c	Gain or (loss)	7c		48,015,384.			
	d	Net gain or (loss) ▶			48,015,385.		48,015,385.	
8a	Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c). See Part IV, line 18	8a		0.				
			8b		0.			
			c	Net income or (loss) from fundraising events. ▶		0.		
9a	Gross income from gaming activities. See Part IV, line 19	9a		0.				
			9b		0.			
			c	Net income or (loss) from gaming activities. ▶		0.		
10a	Gross sales of inventory, less returns and allowances	10a		0.				
			10b		0.			
			c	Net income or (loss) from sales of inventory. ▶		0.		
Miscellaneous Revenue	11a	MISCELLANEOUS REVENUE	Business Code	900099	248,307.	248,307.		
	b							
	c							
	d	All other revenue						
	e	Total. Add lines 11a-11d ▶			248,307.			
12	Total revenue. See instructions ▶			671,055,307.	555,549,165.	19,157,538.	92,163,316.	

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 [X]

Table with 5 columns: (A) Total expenses, (B) Program service expenses, (C) Management and general expenses, (D) Fundraising expenses. Rows include categories like Grants, Salaries, Pension, Advertising, etc.

Part X Balance Sheet

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

		(A) Beginning of year		(B) End of year
Assets	1 Cash - non-interest-bearing	62,767,870.	1	96,386,678.
	2 Savings and temporary cash investments	42,843,245.	2	7,292,652.
	3 Pledges and grants receivable, net	2,117,639.	3	1,826,123.
	4 Accounts receivable, net.	114,587,059.	4	42,840,602.
	5 Loans and other receivables from any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons	0.	5	0.
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), and persons described in section 4958(c)(3)(B).	0.	6	0.
	7 Notes and loans receivable, net	0.	7	0.
	8 Inventories for sale or use	174,512.	8	165,244.
	9 Prepaid expenses and deferred charges	15,180,393.	9	13,874,678.
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 401,378,156.		
	b Less: accumulated depreciation.	10b 269,320,134.	125,473,887.	10c 132,058,022.
	11 Investments - publicly traded securities.	924,229,568.	11	1,123,931,149.
	12 Investments - other securities. See Part IV, line 11	98,692,382.	12	93,113,987.
	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	9,938,412.	15	12,189,662.
16 Total assets. Add lines 1 through 15 (must equal line 33)	1,396,004,967.	16	1,523,678,797.	
Liabilities	17 Accounts payable and accrued expenses	64,440,355.	17	66,548,611.
	18 Grants payable	17,670,432.	18	17,617,646.
	19 Deferred revenue.	208,007,789.	19	145,616,789.
	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 any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons	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	137,013,204.	25	117,527,738.
	26 Total liabilities. Add lines 17 through 25.	427,131,780.	26	347,310,784.
Net Assets or Fund Balances	Organizations that follow FASB ASC 958, check here <input checked="" type="checkbox"/> and complete lines 27, 28, 32, and 33.			
	27 Net assets without donor restrictions	327,006,607.	27	444,606,181.
	28 Net assets with donor restrictions.	641,866,580.	28	731,761,832.
	Organizations that do not follow FASB ASC 958, check here <input type="checkbox"/> and complete lines 29 through 33.			
	29 Capital stock or trust principal, or current funds		29	
	30 Paid-in or capital surplus, or land, building, or equipment fund.		30	
	31 Retained earnings, endowment, accumulated income, or other funds.		31	
	32 Total net assets or fund balances	968,873,187.	32	1,176,368,013.
33 Total liabilities and net assets/fund balances.	1,396,004,967.	33	1,523,678,797.	

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	671,055,307.
2	Total expenses (must equal Part IX, column (A), line 25)	2	595,439,721.
3	Revenue less expenses. Subtract line 2 from line 1	3	75,615,586.
4	Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A))	4	968,873,187.
5	Net unrealized gains (losses) on investments	5	119,372,287.
6	Donated services and use of facilities	6	0.
7	Investment expenses	7	0.
8	Prior period adjustments	8	0.
9	Other changes in net assets or fund balances (explain on Schedule O)	9	12,506,953.
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 32, column (B))	10	1,176,368,013.

Part XII Financial Statements and Reporting

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

- 1** Accounting method used to prepare the Form 990: Cash Accrual Other _____
If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O.
- 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:
 Separate basis Consolidated basis Both consolidated and separate basis
- 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:
 Separate basis Consolidated basis Both consolidated and separate basis
- 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 on Schedule O.
- 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?
- 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 on Schedule O and describe any steps taken to undergo such audits

	Yes	No
2a		X
2b	X	
2c	X	
3a		X
3b		

Form **990** (2019)

SCHEDULE A
(Form 990 or 990-EZ)

Public Charity Status and Public Support

OMB No. 1545-0047

2019

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

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.

▶ Go to www.irs.gov/Form990 for instructions and the latest information.

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 **section 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		
(A)						
(B)						
(C)						
(D)						
(E)						
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, or 8 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

Table with 7 columns: (a) 2015, (b) 2016, (c) 2017, (d) 2018, (e) 2019, (f) Total. Rows include: 1 Gifts, grants, contributions, and membership fees received; 2 Tax revenues levied for the organization's benefit; 3 The value of services or facilities furnished by a governmental unit; 4 Total. Add lines 1 through 3; 5 The portion of total contributions by each person; 6 Public support. Subtract line 5 from line 4.

Section B. Total Support

Table with 7 columns: (a) 2015, (b) 2016, (c) 2017, (d) 2018, (e) 2019, (f) Total. Rows include: 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; 10 Other income. Do not include gain or loss from the sale of capital assets; 11 Total support. Add lines 7 through 10; 12 Gross receipts from related activities, etc. (see instructions); 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.

Section C. Computation of Public Support Percentage

Table with 2 columns: Percentage, %. Rows include: 14 Public support percentage for 2019 (line 6, column (f) divided by line 11, column (f)); 15 Public support percentage from 2018 Schedule A, Part II, line 14; 16a 33 1/3% support test - 2019; b 33 1/3% support test - 2018; 17a 10%-facts-and-circumstances test - 2019; b 10%-facts-and-circumstances test - 2018; 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.

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) 2015	(b) 2016	(c) 2017	(d) 2018	(e) 2019	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	5,940,876.	3,590,485.	4,697,411.	3,878,073.	4,185,288.	22,292,133.
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	475,742,273.	488,139,832.	512,273,329.	545,383,859.	567,464,676.	2,589,003,969.
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.	481,683,149.	491,730,317.	516,970,740.	549,261,932.	571,649,964.	2,611,296,102.
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.)						2,611,296,102.

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2015	(b) 2016	(c) 2017	(d) 2018	(e) 2019	(f) Total
9 Amounts from line 6.	481,683,149.	491,730,317.	516,970,740.	549,261,932.	571,649,964.	2,611,296,102.
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources	25,417,557.	22,555,034.	23,941,294.	29,557,100.	32,011,647.	133,482,632.
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						0.
c Add lines 10a and 10b	25,417,557.	22,555,034.	23,941,294.	29,557,100.	32,011,647.	133,482,632.
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on	0.	0.	0.	0.	0.	0.
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)	18,216.	11,134.	53,258.	268,811.	248,307.	599,726.
13 Total support. (Add lines 9, 10c, 11, and 12.)	507,118,922.	514,296,485.	540,965,292.	579,087,843.	603,909,918.	2,745,378,460.

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**

Section C. Computation of Public Support Percentage

15 Public support percentage for 2019 (line 8, column (f), divided by line 13, column (f))	15	95.12%
16 Public support percentage from 2018 Schedule A, Part III, line 15	16	95.21%

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2019 (line 10c, column (f), divided by line 13, column (f)),	17	4.86%
18 Investment income percentage from 2018 Schedule A, Part III, line 17	18	4.78%

19a 33 1/3% support tests - 2019. 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 - 2018. 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 in line 12 on 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? <i>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.</i>		
2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? <i>If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).</i>		
3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? <i>If "Yes," answer (b) and (c) below.</i>		
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)? <i>If "Yes," describe in Part VI when and how the organization made the determination.</i>		
c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? <i>If "Yes," explain in Part VI what controls the organization put in place to ensure such use.</i>		
4a Was any supported organization not organized in the United States ("foreign supported organization")? <i>If "Yes," and if you checked 12a or 12b in Part I, answer (b) and (c) below.</i>		
b Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? <i>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.</i>		
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)? <i>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.</i>		
5a Did the organization add, substitute, or remove any supported organizations during the tax year? <i>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).</i>		
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?		
c Substitutions only. Was the substitution the result of an event beyond the organization's control?		
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? <i>If "Yes," provide detail in Part VI.</i>		
7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (as 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? <i>If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).</i>		
8 Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? <i>If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).</i>		
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))? <i>If "Yes," provide detail in Part VI.</i>		
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? <i>If "Yes," provide detail in Part VI.</i>		
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? <i>If "Yes," provide detail in Part VI.</i>		
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)? <i>If "Yes," answer 10b below.</i>		
b Did the organization have any excess business holdings in the tax year? <i>(Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)</i>		

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?	11 a	
b	A family member of a person described in (a) above?	11 b	
c	A 35% controlled entity of a person described in (a) or (b) above? If "Yes" to a, b, or c, provide detail in Part VI .	11 c	

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? 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.	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? 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.	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)? 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).	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? If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).	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? If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.	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.		Yes	No
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? 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.	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? 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.	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? Provide details in Part VI .	3a		
b	Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each of its supported organizations? If "Yes," describe in Part VI the role played by the organization in this regard.	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 (explain in Part VI). **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):			
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 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 2019 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-2019	(iii) Distributable Amount for 2019
1 Distributable amount for 2019 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2019 (reasonable cause required - explain in Part VI). See instructions.			
3 Excess distributions carryover, if any, to 2019			
a From 2014			
b From 2015			
c From 2016			
d From 2017			
e From 2018			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2019 distributable amount			
i Carryover from 2014 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from 3f.			
4 Distributions for 2019 from Section D, line 7: \$			
a Applied to underdistributions of prior years			
b Applied to 2019 distributable amount			
c Remainder. Subtract lines 4a and 4b from 4.			
5 Remaining underdistributions for years prior to 2019, if any. Subtract lines 3g and 4a from line 2. For result greater than zero, explain in Part VI. See instructions.			
6 Remaining underdistributions for 2019. Subtract lines 3h and 4b from line 1. For result greater than zero, explain in Part VI. See instructions.			
7 Excess distributions carryover to 2020. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a Excess from 2015			
b Excess from 2016			
c Excess from 2017			
d Excess from 2018			
e Excess from 2019			

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.)

PART III, LINE 12 - OTHER INCOME:

OTHER INCOME WAS PRIMARILY FROM BANK FEE REBATES AND THE SALES OF PRINTED MATERIALS.

SCHEDULE C
(Form 990 or 990-EZ)

Political Campaign and Lobbying Activities

OMB No. 1545-0047

For Organizations Exempt From Income Tax Under section 501(c) and section 527

2019

Department of the Treasury
Internal Revenue Service

▶ **Complete if the organization is described below.** ▶ **Attach to Form 990 or Form 990-EZ.**

Open to Public Inspection

▶ **Go to www.irs.gov/Form990 for instructions and the latest information.**

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 organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
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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. (see instructions for definition of "political campaign activities")
- 2 Political campaign activity expenditures (see instructions) ▶ \$ _____
- 3 Volunteer hours for political campaign activities (see instructions)

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-.
(1)				
(2)				
(3)				
(4)				
(5)				
(6)				

For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ.

Schedule C (Form 990 or 990-EZ) 2019

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												
1a Total lobbying expenditures to influence public opinion (grassroots lobbying)															
b Total lobbying expenditures to influence a legislative body (direct lobbying)		214,035.													
c Total lobbying expenditures (add lines 1a and 1b)		214,035.													
d Other exempt purpose expenditures		587,240,406.													
e Total exempt purpose expenditures (add lines 1c and 1d)		587,454,441.													
f Lobbying nontaxable amount. Enter the amount from the following table in both columns.		1,000,000.													
<table border="1"> <thead> <tr> <th>If the amount on line 1e, column (a) or (b) is:</th> <th>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-		0.	0.												
i Subtract line 1f from line 1c. If zero or less, enter -0-		0.	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) 2016	(b) 2017	(c) 2018	(d) 2019	(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	355,518.	355,929.	366,917.	214,035.	1,292,399.
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					

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)).

Table with 3 main columns: (a) Yes/No, (b) Amount. Rows include: 1 During the year, did the filing organization attempt to influence foreign, national, state, or local legislation...; 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).

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

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."

Table with 2 columns: Question, Amount. Rows include: 1 Dues, assessments and similar amounts from members; 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); 3 Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues; 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 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.

Blank lines for providing supplemental information as requested in the instructions above.

Part IV Supplemental Information *(continued)*

SCHEDULE D (Form 990)

Supplemental Financial Statements

OMB No. 1545-0047

2019

Open to Public Inspection

Department of the Treasury Internal Revenue Service

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.

Go to www.irs.gov/Form990 for instructions and the latest information.

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?, 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?

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 Tax Year. Rows include: 1 Purpose(s) of conservation easements held by the organization (check all that apply), 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 7/25/06, 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?, 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)?, 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 FASB 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., 1b If the organization elected, as permitted under FASB 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 FASB ASC 958 relating to these items: a Revenue included on Form 990, Part VIII, line 1., b Assets included in Form 990, Part X.

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule D (Form 990) 2019

JSA 9E1268 1.000

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 make 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 program, 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?

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?

b If "Yes," explain the arrangement in Part XIII and complete the following table:

Table with 2 columns: Description, Amount. Rows: 1c Beginning balance, 1d Additions during the year, 1e Distributions during the year, 1f Ending balance.

2a Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability?

b If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided on Part XIII

Part V Endowment Funds.

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

Table with 6 columns: (a) Current year, (b) Prior year, (c) Two years back, (d) Three years back, (e) Four years back. Rows: 1a-1g (Balance, Contributions, Net investment earnings, Grants, Other expenditures, Administrative expenses, End of year balance).

2 Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:

- a Board designated or quasi-endowment 36.00%
b Permanent endowment 20.2700%
c Term endowment 79.3700%

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:

- (i) Unrelated organizations
(ii) Related organizations

Table with 2 columns: Yes, No. Rows: 3a(i), 3a(ii), 3b

b If "Yes" on line 3a(ii), are the related organizations listed as required on Schedule R?

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.

Table with 5 columns: (a) Cost or other basis (investment), (b) Cost or other basis (other), (c) Accumulated depreciation, (d) Book value. Rows: 1a Land, b Buildings, c Leasehold improvements, d Equipment, e Other, Total.

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	6,478,987.	ATTACHMENT 1
(3) Other		
(A) HEDGE FUNDS	33,379,000.	FMV
(B) PRIVATE REAL ESTATE	53,256,000.	FMV
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 12.) . ▶	93,113,987.	

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.

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	
(2) UNDERFUNDED PENSION LIABILITY	54,281,602.
(3) ACCRUED RETIREE MEDICAL BENEFITS	45,462,959.
(4) 457(B) LIABILITY	11,867,879.
(5) ASSET RETIREMENT OBLIGATION	4,367,051.
(6) ACCRUED POST EMPLOYMENT BENEFITS	1,467,809.
(7) ACCRUED GIFT ANNUITY LIABILITY	80,438.
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 25.) ▶	117,527,738.

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 FASB 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.

SEE PAGE 5

Part XIII Supplemental Information (continued)

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 \$21,000,000 WAS AWARDED IN 2019 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.

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, 2019, THE SOCIETY HAD PRE-2018 OPERATING LOSS CARRYFORWARD FOR INCOME TAX PURPOSES OF \$17,731,521, WHICH EXPIRES OVER THE YEARS 2019 THROUGH 2037 AND POST-2018 NET OPERATING LOSS OF \$6,125,219, WHICH CAN BE CARRIED FORWARD INDEFINITELY. A DEFERRED TAX ASSET HAS NOT BEEN RECORDED FOR THE NET OPERATING LOSS BECAUSE THE SOCIETY HAS DETERMINED, AS OF DECEMBER 31, 2019 AND 2018, IT IS NOT RECOVERABLE.

Part XIII Supplemental Information (continued)

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.

ATTACHMENT 1SCHEDULE D, PART VII - INVESTMENTS - CLOSELY HELD EQUITY INTERESTS

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>COST OR FMV</u>
CLOSELY-HELD EQUITY INTERESTS	6,478,987.	COST
TOTALS	<u>6,478,987.</u>	

**SCHEDULE F
(Form 990)**

Statement of Activities Outside the United States

OMB No. 1545-0047

2019

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 14b, 15, or 16.

▶ Attach to Form 990.

▶ Go to www.irs.gov/Form990 for instructions and the latest information.

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" on 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 the region	(d) Activities conducted in the region (by type) (such as, 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 the region	(f) Total expenditures for and investments in the region
(1) CENTRAL AMERICA/CARIBBEAN	0.	2.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	87,705.
(2) EAST ASIA AND THE PACIFIC	0.	199.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	18,497,999.
(3) EUROPE	0.	223.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	12,554,421.
(4) MIDDLE EAST AND NORTH AFRICA	0.	8.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	736,229.
(5) NORTH AMERICA	0.	52.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	1,589,648.
(6) RUSSIA/INDEPENDENT STATES	0.	1.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	805.
(7) SOUTH AMERICA	0.	21.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	495,014.
(8) SOUTH ASIA	0.	39.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	21,266,166.
(9) SUB-SAHARAN AFRICA	0.	3.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	10,494.
(10) CENTRAL AMERICA/CARIBBEAN	0.	0.	GRANTMAKING		15,800.
(11) EAST ASIA AND THE PACIFIC	0.	0.	GRANTMAKING		127,625.
(12) EUROPE	0.	0.	GRANTMAKING		635,036.
(13) MIDDLE EAST AND NORTH AFRICA	0.	0.	GRANTMAKING		19,547.
(14) NORTH AMERICA	0.	0.	GRANTMAKING		407,987.
(15) RUSSIA/INDEPENDENT STATES	0.	0.	GRANTMAKING		6,369.
(16) SOUTH AMERICA	0.	0.	GRANTMAKING		22,649.
(17) SOUTH ASIA	0.	0.	GRANTMAKING		19,386.
3a Subtotal		548.			56,492,880.
b Total from continuation sheets to Part I					44,448.
c Totals (add lines 3a and 3b)		548.			56,537,328.

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule F (Form 990) 2019

JSA
9E1274 1.000

**SCHEDULE F
(Form 990)**

Statement of Activities Outside the United States

OMB No. 1545-0047

2019

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 14b, 15, or 16.

▶ Attach to Form 990.

▶ Go to www.irs.gov/Form990 for instructions and the latest information.

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" on 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 the region	(d) Activities conducted in the region (by type) (such as, 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 the region	(f) Total expenditures for and investments in the region
(1) SUB-SAHARAN AFRICA	0.	0.	GRANTMAKING		44,448.
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					
(11)					
(12)					
(13)					
(14)					
(15)					
(16)					
(17)					
3a Subtotal					
b Total from continuation sheets to Part I					
c Totals (add lines 3a and 3b)					

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule F (Form 990) 2019

Part II **Grants and Other Assistance to Organizations or Entities Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 15, for any recipient who received more than \$5,000. Part II can be duplicated if additional space is needed.

1	(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 noncash assistance	(h) Description of noncash assistance	(i) Method of valuation (book, FMV, appraisal, other)
(1)			EAST ASIA/PACIFIC	GENERAL SUPP	9,300.	CHECK		N/A	N/A
(2)			EAST ASIA/PACIFIC	GENERAL SUPP	6,750.	CHECK		N/A	N/A
(3)			EUROPE/ICELAND/GREENLAND	GENERAL SUPP	150,000.	CHECK		N/A	N/A
(4)			EUROPE/ICELAND/GREENLAND	GENERAL SUPP	40,000.	CHECK		N/A	N/A
(5)			EUROPE/ICELAND/GREENLAND	GENERAL SUPP	25,000.	CHECK		N/A	N/A
(6)			EUROPE/ICELAND/GREENLAND	GENERAL SUPP	110,000.	CHECK		N/A	N/A
(7)			EUROPE/ICELAND/GREENLAND	GENERAL SUPP	13,091.	CHECK		N/A	N/A
(8)			EUROPE/ICELAND/GREENLAND	GENERAL SUPP	40,000.	CHECK		N/A	N/A
(9)			EUROPE/ICELAND/GREENLAND	GENERAL SUPP	110,000.	CHECK		N/A	N/A
(10)			NORTH AMERICA	GENERAL SUPP	40,000.	CHECK		N/A	N/A
(11)			NORTH AMERICA	GENERAL SUPP	220,000.	CHECK		N/A	N/A
(12)			NORTH AMERICA	GENERAL SUPP	110,000.	CHECK		N/A	N/A
(13)			SUB-SAHARAN AFRICA	GENERAL SUPP	25,000.	CHECK		N/A	N/A
(14)									
(15)									
(16)									

2 Enter total number of recipient organizations listed above that are recognized as charities by the foreign country, recognized as tax-exempt by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter **4.**

3 Enter total number of other organizations or entities **9.**

Part III **Grants and Other Assistance to Individuals Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 16.
Part III can be duplicated if additional space is needed.

(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 noncash assistance	(g) Description of noncash assistance	(h) Method of valuation (book, FMV, appraisal, other)
(1) AWARDS	CENT. AMERICA/CARIBBEAN	4.	15,800.	CHECK		N/A	N/A
(2) AWARDS	EAST ASIA/PACIFIC	21.	111,575.	CHECK		N/A	N/A
(3) AWARDS	EUROPE/ICELAND/GREENLAND	35.	146,945.	CHECK		N/A	N/A
(4) AWARDS	MIDDLE EAST/NORTH AFRICA	8.	19,547.	CHECK		N/A	N/A
(5) AWARDS	NORTH AMERICA	31.	37,987.	CHECK		N/A	N/A
(6) AWARDS	RUSSIA/NEWLY IND. STATES	2.	6,369.	CHECK		N/A	N/A
(7) AWARDS	SOUTH AMERICA	25.	22,649.	CHECK		N/A	N/A
(8) AWARDS	SOUTH ASIA	7.	19,386.	CHECK		N/A	N/A
(9) AWARDS	SUB-SAHARAN AFRICA	6.	19,448.	CHECK		N/A	N/A
(10)							
(11)							
(12)							
(13)							
(14)							
(15)							
(16)							
(17)							
(18)							

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; don't file with Form 990)* 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; don't file with Form 990)* 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).

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.

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.

**SCHEDULE I
(Form 990)**

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

OMB No. 1545-0047

2019

**Open to Public
Inspection**

Department of the Treasury
Internal Revenue Service

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

▶ Attach to Form 990.

▶ Go to www.irs.gov/Form990 for the latest information.

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 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.

1 (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 noncash assistance	(h) Purpose of grant or assistance
(1) PENNSYLVANIA STATE UNIVERSITY 227 W. BEAVER AVE. STATE COLLEGE, PA 16802	24-6000376	PA STATE	752,450.		N/A	N/A	GENERAL SUPPORT
(2) MASSACHUSETTS INST OF TECH 77 MASS. AVE, CAMBRIDGE, MA 02139	04-2103594	CT STATE	508,302.		N/A	N/A	GENERAL SUPPORT
(3) UNIVERSITY OF TEXAS AT AUSTIN P.O. BOX 7159 AUSTIN, TX 78713	74-6000203	TX STATE	488,106.		N/A	N/A	GENERAL SUPPORT
(4) VIRGINIA POLYTECHNIC INST & STATE UNIV NORTH END CENTER, BLACKSBURG, VA 24061	54-6001805	VA STATE	465,000.		N/A	N/A	GENERAL SUPPORT
(5) BOARD OF REGENTS, NSHE 2601 ENTERPRISE ROAD RENO, NV 89512	88-6000024	501(C)(3)	440,000.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF CALIFORNIA SANTA BARBARA 3201N ADM BLDG, SANTA BARBARA, CA 93106	95-6006145	501(C)(3)	440,000.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF CALIFORNIA RIVERSIDE ACCOUNTING OFFICE RIVERSIDE, CA 92521	95-6006142	501(C)(3)	433,250.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF MARYLAND 4101 CHESAPEAKE BLDG, COLLEGE PK. MD 20742	52-6002033	MD STATE	387,519.		N/A	N/A	GENERAL SUPPORT
(9) UNIVERSITY OF WISCONSIN 21 NORTH PARK STREET MADISON, WI 53715	39-6006492	501(C)(3)	376,875.		N/A	N/A	GENERAL SUPPORT
(10) PURDUE UNIVERSITY 610 PURDU MALL WEST LAFAYETTE, IN 47907	30-1065485	501(C)(3)	374,525.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF MINNESOTA 450 UNIVERSITY GATEWAY, MINNEAPOLIS, MN 55455	41-6007513	501(C)(3)	350,000.		N/A	N/A	GENERAL SUPPORT
(12) THE UNIVERSITY OF COLORADO 1800 GRANT ST #800 DENVER, CO 80203	84-6000555	501(C)(3)	336,688.		N/A	N/A	GENERAL SUPPORT

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

3 Enter total number of other organizations listed in the line 1 table ▶

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2019)

**SCHEDULE I
(Form 990)**

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

OMB No. 1545-0047

2019

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Department of the Treasury
Internal Revenue Service

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Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

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Part I General Information on Grants and Assistance

- Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 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.

1 (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 noncash assistance	(h) Purpose of grant or assistance
(1) UNIVERSITY OF CALIFORNIA SANTA CRUZ 102 HAHN STUDENT SERVS.SANTA CRUZ, CA 95064	94-1539563	501(C)(3)	330,000.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF CALIFORNIA SAN DIEGO 9500 GILMAN DRIVE, LA JOLLA, CA 92093	95-6006144	501(C)(3)	330,000.		N/A	N/A	GENERAL SUPPORT
(3) IOWA STATE UNIVERSITY 2221 WANDA DALEY DR., AMES, IA 50011	42-6004224	501(C)(3)	256,654.		N/A	N/A	GENERAL SUPPORT
(4) CORNELL UNIVERSITY P.O. BOX 22 ITHACA, NY 14850	15-0532082	501(C)(3)	250,204.		N/A	N/A	GENERAL SUPPORT
(5) UNIVERSITY OF MASSACHUSETTS AMHERST OFFICE OF THE CONTROLLER AMHERST, MA 01003	04-3167352	MA STATE	245,800.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF MISSOURI COLUMBIA 1000 W NIFONG COLUMBIA, MO 65211	43-6003859	501(C)(3)	242,197.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF HOUSTON P.O. BOX 988 HOUSTON, TX 77001	74-6001399	TX STATE	233,075.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF OKLAHOMA 201 STEPHENSON PARKWAY NORMAN, OK 73019	73-1377584	OK STATE	229,038.		N/A	N/A	GENERAL SUPPORT
(9) COLORADO STATE UNIVERSITY 2545 RESEARCH BLVD FORT COLLINS, CO 80526	84-6000545	CO STATE	227,550.		N/A	N/A	GENERAL SUPPORT
(10) VANDERBILT UNIVERSITY BOX 1591 STATION B NASHVILLE, TN 37235	62-0476822	501(C)(3)	226,700.		N/A	N/A	GENERAL SUPPORT
(11) NORTHWESTERN UNIVERSITY 633 CLARK ST EVANSTON, IL 60208	36-2167817	501(C)(3)	226,075.		N/A	N/A	GENERAL SUPPORT
(12) YALE UNIVERSITY P.O. BOX 1873 NEW HAVEN, CT 06508	06-0646973	501(C)(3)	224,375.		N/A	N/A	GENERAL SUPPORT

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

3 Enter total number of other organizations listed in the line 1 table ▶

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Schedule I (Form 990) (2019)

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(Form 990)**

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OMB No. 1545-0047

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53-0196572

Part I General Information on Grants and Assistance

- Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 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.

1 (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 noncash assistance	(h) Purpose of grant or assistance
(1) RESEARCH FOUNDATION FOR SUNY P.O. BOX 9 ALBANY, NY 12201	14-1368361	501(C)(3)	220,000.		N/A	N/A	GENERAL SUPPORT
(2) THE UNIVERSITY OF ILLINOIS 28395 NETWORK PLACE CHICAGO, IL 60673	37-6000511	501(C)(3)	220,000.		N/A	N/A	GENERAL SUPPORT
(3) MICHIGAN TECHNOLOGICAL UNIVERSITY 1400 TOWNSEND DRIVE HOUGHTON, MI 49931	38-6005955	MI STATE	220,000.		N/A	N/A	GENERAL SUPPORT
(4) WASHINGTON UNIVERSITY IN ST. LOUIS 1 BROOKINGS DR ST. LOUIS, MO 63130	43-0653611	501(C)(3)	220,000.		N/A	N/A	GENERAL SUPPORT
(5) TEXAS A&M ENGINEERING EXPERIMENT STATION 400 HARVEY MITCHELL PKY, CLL., STN., TX 77845	74-1974733	TX STATE	220,000.		N/A	N/A	GENERAL SUPPORT
(6) TEXAS A&M UNIVERSITY BUSINESS OFFICE, KINGSVILLE, TX 78363	74-6001530	TX STATE	185,550.		N/A	N/A	GENERAL SUPPORT
(7) MIAMI UNIVERSITY 501 HIGH ST, 107 ROUDEBUSH OXFORD, OH 45056	31-6402089	501(C)(3)	181,875.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF CALIFORNIA LOS ANGELES 1125 MURPHY HALL, LOS ANGELES, CA 90095	95-6006143	501(C)(3)	155,000.		N/A	N/A	GENERAL SUPPORT
(9) COLORADO SCHOOL OF MINES 1500 ILLINOIS ST GOLDEN, CO 80401	84-6000551	CO STATE	154,461.		N/A	N/A	GENERAL SUPPORT
(10) OREGON STATE UNIVERSITY 1500 SW JEFFERSON WAY CORVALIS, OR 97331	48-1278540	OR STATE	152,800.		N/A	N/A	GENERAL SUPPORT
(11) WESTERN WASHINGTON UNIVERSITY 516 HIGH STREET BELLINGHAM, WA 98225	91-6000562	WA STATE	151,100.		N/A	N/A	GENERAL SUPPORT
(12) UNIVERSITY OF SOUTHERN CALIFORNIA UNIVERSITY GARDENS, LOS ANGELES, CA 90089	95-1642394	501(C)(3)	150,000.		N/A	N/A	GENERAL SUPPORT

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

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Schedule I (Form 990) (2019)

**SCHEDULE I
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**Grants and Other Assistance to Organizations,
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- Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 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.

1 (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 noncash assistance	(h) Purpose of grant or assistance
(1) UNIVERSITY OF SOUTH CAROLINA BURSARS OFFICE COLUMBIA, SC 29208	57-6001153	501(C)(3)	149,325.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF FLORIDA 1250 E.CAMPUS BLDG,GAINESVILLE, FL 32611	59-6002052	501(C)(3)	143,963.		N/A	N/A	GENERAL SUPPORT
(3) UNIVERSITY OF ARKANSAS 1125 W. MAPLE FAYETTEVILLE, AR 72701	71-6003252	AR STATE	140,344.		N/A	N/A	GENERAL SUPPORT
(4) RUTGERS STATE UNIV OF NJ 620 GEORGE STREET NEW BRUNSWICK, NJ 08901	22-6001086	501(C)(3)	137,500.		N/A	N/A	GENERAL SUPPORT
(5) THE UNIVERSITY OF CALIFORNIA BERKELEY CONTRACTS&GRNTSACCOUNTING,BERKELEY,CA 94720	94-6002123	501(C)(3)	133,375.		N/A	N/A	GENERAL SUPPORT
(6) STANFORD UNIVERSITY 450 SERRA MALL STANFORD, CA 94305	94-1156365	501(C)(3)	132,500.		N/A	N/A	GENERAL SUPPORT
(7) WASHINGTON STATE UNIVERSITY P.O. BOX 641027 PULLMAN, WA 99164	91-6001108	WA STATE	131,875.		N/A	N/A	GENERAL SUPPORT
(8) THE JOHNS HOPKINS UNIVERSITY 12529 COLLECTIONS CTR DR, CHICAGO, IL 60693	52-0595110	501(C)(3)	129,125.		N/A	N/A	GENERAL SUPPORT
(9) ARIZONA STATE UNIVERSITY 1303 E. UNIVERSITY BLVD., TUCSON, AZ 85719	74-2652689	AZ STATE	128,669.		N/A	N/A	GENERAL SUPPORT
(10) THE UNIVERSITY OF CALIFORNIA IRVINE BIOSCI III, SUITE 1400 IRVINE, CA 92697	95-2226406	501(C)(3)	128,175.		N/A	N/A	GENERAL SUPPORT
(11) THE UNIVERSITY OF CALIFORNIA DAVIS P.O. BOX 989062 WEST SACRAMENTO, CA 95798	94-6036494	501(C)(3)	127,500.		N/A	N/A	GENERAL SUPPORT
(12) VIRGINIA COMMONWEALTH UNIVERSITY P.O. BOX 843039 RICHMOND, VA 23284	54-6001758	VA STATE	126,775.		N/A	N/A	GENERAL SUPPORT

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

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Schedule I (Form 990) (2019)

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1 (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 noncash assistance	(h) Purpose of grant or assistance
(1) NORTHEASTERN UNIVERSITY 360 HUNTINTON AVE BOSTON, MA 02115	04-1679980	501(C)(3)	126,400.		N/A	N/A	GENERAL SUPPORT
(2) BROWN UNIVERSITY 69 BROWN STREET, PROVIDENCE, RI 02912	05-0258809	501(C)(3)	125,325.		N/A	N/A	GENERAL SUPPORT
(3) UNIVERSITY OF MICHIGAN ANN ARBOR 3003 S. STATE STREET ANN ARBOR, MI 48109	38-6006309	501(C)(3)	124,250.		N/A	N/A	GENERAL SUPPORT
(4) TEXAS TECH UNIVERSITY BOX 41105 LUBBOCK, TX 79409	75-6002622	TX STATE	118,750.		N/A	N/A	GENERAL SUPPORT
(5) UNIVERSITY OF CENTRAL FLORIDA 12424 RESEARCH PKWY. ORLANDO, FL 32816	59-2924021	FL STATE	118,125.		N/A	N/A	GENERAL SUPPORT
(6) RESEARCH FOUNDATION OF CUNY 230 W 41ST STREET, FLOOR 7,NY, NY 10036	13-1988190	501(C)(3)	117,000.		N/A	N/A	GENERAL SUPPORT
(7) DREXEL UNIVERSITY 1505 RACE STREET,PHILADELPHIA, PA 19102	23-1352630	501(C)(3)	115,450.		N/A	N/A	GENERAL SUPPORT
(8) LOUISIANA STATE UNIVERSITY 125 THOMAS BOYD HALL BATON ROUGE, LA 70803	72-6000848	LA STATE	115,250.		N/A	N/A	GENERAL SUPPORT
(9) ILLINOIS INSTITUTE OF TECHNOLOGY 3424 S. STATE STREET CHICAGO, IL 60616	36-2170136	OK STATE	114,875.		N/A	N/A	GENERAL SUPPORT
(10) UNIVERSITY OF CINCINNATI 2600 CLIFTON AVE CINCINNATI, OH 45221	31-6000989	OH STATE	114,475.		N/A	N/A	GENERAL SUPPORT
(11) CARNEGIE MELLON UNIVERSITY 5000 FORBES AVENUE PITTSBURGH, PA 15213	25-0969449	501(C)(3)	114,000.		N/A	N/A	GENERAL SUPPORT
(12) UNIVERSITY OF NOTRE DAME RRCH& PROG.ACTG, NOTRE DAME IN 46556	35-0868188	501(C)(3)	114,000.		N/A	N/A	GENERAL SUPPORT

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

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Schedule I (Form 990) (2019)

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**Grants and Other Assistance to Organizations,
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(1) UNIVERSITY OF IOWA GRANT ACCOUNTING OFFICE IOWA CITY, IA 52242	42-6004813	IA STATE	114,000.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF NORTH TEXAS 1155 UNION CIRCLE #305250 DENTON, TX 76203	75-6002149	TX STATE	114,000.		N/A	N/A	GENERAL SUPPORT
(3) BAYLOR UNIVERSITY ONE BEAR PLACE #97048 WACO, TX 76798	74-1159753	501(C)(3)	112,500.		N/A	N/A	GENERAL SUPPORT
(4) RICE UNIVERSITY P.O. BOX 1892 HOUSTON, TX 77251	74-1109620	501(C)(3)	112,063.		N/A	N/A	GENERAL SUPPORT
(5) ACS, CALIFORNIA LOCAL SECTION 1072 MANDANA BLVD OAKLAND, CA 94610	94-1358305	501(C)(3)	111,294.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF ROCHESTER BOX 278893 ROCHESTER, NY 14611	16-0743209	501(C)(3)	111,250.		N/A	N/A	GENERAL SUPPORT
(7) FLORIDA INSTITUTE OF TECHNOLOGY 150 W. UNIVERSITY BLVD. MELBOURNE, FL 32901	59-6046500	501(C)(3)	110,750.		N/A	N/A	GENERAL SUPPORT
(8) WAYNE STATE UNIVERSITY 5057 WOODWARD, 13TH FLOOR DETROIT, MI 48202	38-6028429	501(C)(3)	110,500.		N/A	N/A	GENERAL SUPPORT
(9) BOISE STATE UNIVERSITY 1910 UNIVERSITY DRIVE BOISE, ID 83725	82-0290701	ID STATE	110,300.		N/A	N/A	GENERAL SUPPORT
(10) TRUSTEES OF DARTMOUTH COLLEGE 11 ROPE FERRY ROAD, HANOVER, NH 03755	02-0222111	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(11) BOSTON COLLEGE 140 CMLTH. AVE., CHESTNUT HILL, MA 02467	04-2103545	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(12) CLARK UNIVERSITY 950 MAIN STREET WORCESTER, MA 01610	04-2111203	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT

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

3 Enter total number of other organizations listed in the line 1 table ▶

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2019)

**SCHEDULE I
(Form 990)**

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

OMB No. 1545-0047

2019

**Open to Public
Inspection**

Department of the Treasury
Internal Revenue Service

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

▶ Attach to Form 990.

▶ Go to www.irs.gov/Form990 for the latest information.

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 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.

1 (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 noncash assistance	(h) Purpose of grant or assistance
(1) UNIVERSITY OF RHODE ISLAND 70 LOWER COLLEGE RD. KINGSTON, RI 02881	22-3011455	RI STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(2) WRIGHT STATE UNIVERSITY 3640 COLONEL GLENN HWY. DAYTON, OH 45435	31-0732831	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(3) THE UNIVERSITY OF AKRON 302 BUCHEL COMMON AKRON, OH 44325	34-6002924	OH STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(4) THE UNIVERSITY OF ILLINOIS 28395 NETWORK PLACE CHICAGO, IL 60673	37-6000511	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(5) UNIVERSITY OF KANSAS CENTER FOR RSRCH INC. 2385 IRVING HILL ROAD LAWRENCE, KS 66045	48-0680117	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 104 AIRPORT DR., CHAPEL HILL, NC 27599	56-6001393	NC STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(7) GEORGIA TECH RESEARCH CORPORATION P.O BOX 100117 ATLANTA, GA 30384	58-0603146	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(8) GEORGIA STATE UNIVERSITY RESEARCH FDN, INC P.O. BOX 3999 ATLANTA, GA 30303	58-1845423	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(9) THE UNIVERSITY OF MEMPHIS 3720 ALUMNI AVE MEMPHIS, TN 38152	62-0648618	TN STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(10) UNIVERSITY OF NEW ORLEANS 2000 LAKESHORE DR., NEW ORLEANS, LA 70148	72-0702000	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF TULSA 800 S. TUCKER DRIVE TULSA, OK 74104	73-0579298	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(12) UNIVERSITY OF NORTHERN COLORADO 501 20TH ST GREELEY, CO 80639	84-6000546	CO STATE	110,000.		N/A	N/A	GENERAL SUPPORT

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(1) UNIVERSITY OF ARIZONA PO BOX 876011 TEMPE, AZ 85287	86-0196696	AZ STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF HAWAII 2440 CAMPUS RD. HONOLULU, HI 96822	99-6000354	HI STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(3) SOUTHERN METHODIST UNIVERSITY PO BOX 750259 DALLAS, TX 75275	75-0800689	501(C)(3)	109,750.		N/A	N/A	GENERAL SUPPORT
(4) KANSAS STATE UNIVERSITY 10 ANDERSON HALL MANHATTAN, KS 66506	48-0771751	501(C)(3)	90,000.		N/A	N/A	GENERAL SUPPORT
(5) DELAWARE STATE UNIVERSITY 1200 N. DUPONT HWY. DOVER, DE 19901	51-0305893	501(C)(3)	90,000.		N/A	N/A	GENERAL SUPPORT
(6) COLORADO STATE UNIVERSITY FOUNDATION 410 UNIV. SVCS. CNTR., FT COLLINS, CO 80523	23-7098397	501(C)(3)	80,000.		N/A	N/A	GENERAL SUPPORT
(7) OHIO STATE UNIVERSITY PO BOX 183248 COLUMBUS, OH 43218	31-6025986	501(C)(3)	79,621.		N/A	N/A	GENERAL SUPPORT
(8) NEW MEXICO INSTITUTE OF MINING 801 LEROY PLACE SOCORRO, NM 87801	85-6000411	501(C)(3)	77,000.		N/A	N/A	GENERAL SUPPORT
(9) CHAPMAN UNIVERSITY ONE UNIVERSITY DRIVE ORANGE, CA 92866	95-1643992	501(C)(3)	71,250.		N/A	N/A	GENERAL SUPPORT
(10) VILLANOVA UNIVERSITY 800 LANCASTER AVENUE VILLANOVA, PA 19085	23-1352688	501(C)(3)	70,500.		N/A	N/A	GENERAL SUPPORT
(11) BALL STATE UNIVERSITY 2000 W. UNIVERSITY AVENUE MUNCIE, IN 47306	35-6000221	IN STATE	70,300.		N/A	N/A	GENERAL SUPPORT
(12) SMITH COLLEGE 201 10 ELM ST, NORTHAMPTON, MA 01063	04-1843040	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT

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(1) CONNECTICUT COLLEGE 270 MOHEGAN AVENUE NEW LONDON, CT 06320	06-0646587	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(2) BUCKNELL UNIVERSITY 112 MARTS HALL LEWISBURG, PA 17837	24-0772407	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(3) AUGUSTANA COLLEGE 639 38TH STREET ROCK ISLAND, IL 61201	36-2166962	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(4) HOPE COLLEGE P.O. BOX 9000 HOLLAND, MI 49422	38-1381271	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(5) БЕЛОIT COLLEGE 700 COLLEGE STREET БЕЛОIT, WI 53511	39-0808497	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(6) AUGUSTA UNIVERSITY RESEARCH INST. INC PO BOX 945552 ATLANTA, GA 30394	58-1418202	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(7) MURRAY STATE UNIVERSITY 200 SPARKS HALL MURRAY, KY 42071	61-1005783	KY STATE	70,000.		N/A	N/A	GENERAL SUPPORT
(8) SAMFORD UNIVERSITY 800 LAKESHORE DRIVE BIRMINGHAM, AL 35229	63-0312914	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(9) SOUTHWESTERN OKLAHOMA STATE UN 100 CAMPUS DRIVE WEATHERFORD, OK 73096	73-1527538	OK STATE	70,000.		N/A	N/A	GENERAL SUPPORT
(10) CAL POLY CORPORATION 1 GRAND AVE SAN LUIS OBISPO, CA 93407	95-1648180	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF RICHMOND 201 MARYLAND HALL, RICHMOND, VA 23173	54-0505965	501(C)(3)	64,250.		N/A	N/A	GENERAL SUPPORT
(12) ACS, INDIANA LOCAL SECTION PO BOX 47333 INDIANAPOLIS, IN 46247	35-6031737	TX STATE	64,000.		N/A	N/A	GENERAL SUPPORT

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(1) REED COLLEGE 3203 SE WOODSTOCK BLVD PORTLAND, OR 97202	93-0386908	501(C)(3)	61,000.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF WISCONSIN FOUNDATION 1848 UNIVERSITY AVE MADISON, WI 53726	39-0743975	501(C)(3)	60,000.		N/A	N/A	GENERAL SUPPORT
(3) ILLINOIS STATE UNIVERSITY 100 N UNIVERSITY ST NORMAL, IL 61790	37-6014070	501(C)(3)	55,300.		N/A	N/A	GENERAL SUPPORT
(4) TEXAS A&M INTERNATIONAL UNIVERSITY 5201 UNIVERSITY BLVD. LAREDO, TX 78041	74-1761398	TX STATE	55,300.		N/A	N/A	GENERAL SUPPORT
(5) YESHIVA UNIVERSITY 500 WEST 185TH STREET NEW YORK, NY 10033	13-1624225	501(C)(3)	55,000.		N/A	N/A	GENERAL SUPPORT
(6) ROWAN UNIVERSITY 201 MULLICA HILL ROAD GLASSBORO, NJ 08028	22-2764819	NJ STATE	55,000.		N/A	N/A	GENERAL SUPPORT
(7) CSU BAKERSFIELD AUXILIARY 9001 STOCKDALE HGY, BAKERSFIELD, CA 93311	32-0291662	501(C)(3)	55,000.		N/A	N/A	GENERAL SUPPORT
(8) KENNESAW STATE UNIVERSITY RSRCH & SVC. FDN 1000 CHASTAIN ROAD KENNESAW, GA 30144	37-1535589	501(C)(3)	55,000.		N/A	N/A	GENERAL SUPPORT
(9) FERRIS STATE UNIVERSITY 420 OAK STREET,BIG RAPIDS, MI 49307	38-6005159	MI STATE	55,000.		N/A	N/A	GENERAL SUPPORT
(10) AUGSBURG UNIVERSITY 2211 RIVERSIDE AVE MINNEAPOLIS, MN 55454	41-0694721	501(C)(3)	55,000.		N/A	N/A	GENERAL SUPPORT
(11) GEORGE MASON UNIVERSITY 4400 UNIVESRITY DRIVE FAIRFAX, VA 22030	54-0836354	VA STATE	55,000.		N/A	N/A	GENERAL SUPPORT
(12) WESTERN KENTUCKY UNIVERSITY 1906 COLLG.HGHTS BLVD.BOWLING GREEN,KY42101	61-6055628	KY STATE	55,000.		N/A	N/A	GENERAL SUPPORT

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(1) LOYOLA MARYMONT UNIVERSITY 1 LOYOLA UNV.DR, LOSANGELES, CA 90045	95-1643334	501(C)(3)	54,700.		N/A	N/A	GENERAL SUPPORT
(2) FLINN SCIENTIFIC PO BOX 219 BATAVIA, IL 60510	31-1618963	IL STATE	51,842.		N/A	N/A	GENERAL SUPPORT
(3) THE SCRIPPS RESEARCH INSTITUTE 10550 N TORREY PINES RD LAJOLLA, CA 92037	33-0435954	501(C)(3)	50,000.		N/A	N/A	GENERAL SUPPORT
(4) ACS, NEW YORK LOCAL SECTION 3280 SUNRISE HIGHWAY WANTAGH, NY 11793	13-1926773	501(C)(3)	46,990.		N/A	N/A	GENERAL SUPPORT
(5) UNIVERSITY OF TOLEDO 2801 W BANCROFT MS 602 TOLEDO, OH 43606	34-6401483	OH STATE	40,300.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF NORTHERN COLORADO FDN 1620 RESERVOIR RD GREELY, CO 80639	84-6044833	501(C)(3)	40,000.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF ARKANSAS AT PINE BLUFF 1200 N. UNIVERSITY DR. PINE BLUFF, AR 71603	71-6010030	AR STATE	32,500.		N/A	N/A	GENERAL SUPPORT
(8) MICHIGAN STATE UNIVERSITY COLL.OF NAT.SCIENCES, EAST LANSING, MI 48824	01-0585619	501(C)(3)	32,375.		N/A	N/A	GENERAL SUPPORT
(9) GEORGIA INSTITUTE OF TECH 500 TECH PARKWAY ATLANTA, GA 30332	58-6002023	501(C)(3)	31,650.		N/A	N/A	GENERAL SUPPORT
(10) ACS, CENTRAL ARIZONA LOCAL SECTION 1435 S HONEYSUCKLE CIR GILBERT, AZ 85296	86-6051139	501(C)(3)	31,250.		N/A	N/A	GENERAL SUPPORT
(11) OKLAHOMA STATE UNIVERSITY 113 STUDENT UNION STILLWATER, OK 74078	73-1383996	OK STATE	30,875.		N/A	N/A	GENERAL SUPPORT
(12) SCIENCE HISTORY INSTITUTE 315 CHESTNUT STREET PHILADELPHIA, PA 19106	22-2817365	501(C)(3)	30,000.		N/A	N/A	GENERAL SUPPORT

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(1) CENTRAL COLLEGE 812 UNIVERSITY ST PELLA, IA 50219	42-0680344	501(C)(3)	30,000.		N/A	N/A	GENERAL SUPPORT
(2) ACS, CENTRAL NEW YORK LOCAL SECTION 5371 VINEYARD DRIVE CLAY, NY 13041	16-6052084	501(C)(3)	27,500.		N/A	N/A	GENERAL SUPPORT
(3) AUBURN UNIVERSITY DEPARTMENT OF CHEMISTRY AUBURN, AL 36849	63-6000724	AL STATE	27,032.		N/A	N/A	GENERAL SUPPORT
(4) ACS, RHODE ISLAND LOCAL SECTION 33 LAWTON FOSTER ROAD S HOPKINTON, RI 02833	05-6015333	501(C)(3)	27,000.		N/A	N/A	GENERAL SUPPORT
(5) FLORIDA A&M UNIVERSITY 1700 LEE HALL DRIVE TALLAHASSEE, FL 32307	26-2547147	501(C)(3)	26,625.		N/A	N/A	GENERAL SUPPORT
(6) KEAN UNIVERSITY 1000 MORRIS AVENUE UNION, NJ 07083	22-2960726	NJ STATE	25,500.		N/A	N/A	GENERAL SUPPORT
(7) CASE WESTERN RESERVE UNIVERSITY 10900 EUCLID AVE CLEVELAND, OH 44106	34-1018992	501(C)(3)	25,500.		N/A	N/A	GENERAL SUPPORT
(8) CITIZENS FOR COLUMBUS STATE 545 EAST TOWN STREET COLUMBUS, OH 43215	84-3497772	OH STATE	25,000.		N/A	N/A	GENERAL SUPPORT
(9) ACS, SAN ANTONIO LOCAL SECTION 10359 TIGER PAW SAN ANTONIO, TX 78251	74-6052070	501(C)(3)	24,500.		N/A	N/A	GENERAL SUPPORT
(10) ACS, GREATER HOUSTON LOCAL SECTION PO BOX 66187 HOUSTON, TX 77032	74-6045012	501(C)(3)	24,458.		N/A	N/A	GENERAL SUPPORT
(11) WEST VIRGINIA UNIVERSITY ONE WATERFRONT PLACE MORGANTOWN, WV 25506	55-6000842	501(C)(3)	23,900.		N/A	N/A	GENERAL SUPPORT
(12) UNIVERSITY OF VERMONT 85 S PROSPECT BURLINGTON, VT 05401	03-0179440	501(C)(3)	23,000.		N/A	N/A	GENERAL SUPPORT

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(1) UNIVERSITY OF TENNESSEE 137 ALUMNI MEMORIAL BLDG.KNOXVILLE,TN 37996	62-6001636	501(C)(3)	22,500.		N/A	N/A	GENERAL SUPPORT
(2) TUSKEGEE UNIVERSITY PO BOX 1309 TUSKEGEE, AL 36087	63-0288878	501(C)(3)	22,250.		N/A	N/A	GENERAL SUPPORT
(3) ACS, NORTH CAROLINA LOCAL SECTION 101 LONGWOOD PL CHAPEL HILL, NC 27514	56-6049892	501(C)(3)	22,000.		N/A	N/A	GENERAL SUPPORT
(4) ACS, GEORGIA LOCAL SECTION 250 AMAL DRIVE, SW ATLANTA, GA 30315	58-6043590	501(C)(3)	21,850.		N/A	N/A	GENERAL SUPPORT
(5) UNIVERSITY OF DELAWARE PO BOX 444264 NEWARK, DE 19716	51-6000297	501(C)(3)	21,500.		N/A	N/A	GENERAL SUPPORT
(6) ACS, ROCHESTER LOCAL SECTION 87 BEVERLY ST ROCHESTER, NY 14610	16-6043932	501(C)(3)	21,250.		N/A	N/A	GENERAL SUPPORT
(7) ALCORN STATE UNIVERSITY 1000 ASU DRIVE LORMAN, MS 39096	64-6000013	MS STATE	20,300.		N/A	N/A	GENERAL SUPPORT
(8) CLEMSON UNIVERSITY 105 SIKES HALL CLEMSON, SC 29634	57-0426335	501(C)(3)	20,275.		N/A	N/A	GENERAL SUPPORT
(9) SOUTH CAROLINA ST UNIV EDUCATIONAL FDN 300 COLLEGE STREET NE ORANGEBURG, SC 29117	23-7113930	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(10) SOUTH DAKOTA STATE UNIVERSITY 815 MEDARY AVE, BROOKINGS, SD 57007	46-6000364	SD STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF NEBRASKA FOUNDATION PO BOS 82555 LINCOLN, NE 68508	47-0379839	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(12) WEST VIRGINIA STATE UNIVERSITY PO BOX 1000 INSTITUTE, WV 25112	55-6019228	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT

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

3 Enter total number of other organizations listed in the line 1 table ▶

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Schedule I (Form 990) (2019)

**SCHEDULE I
(Form 990)**

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

OMB No. 1545-0047

2019

**Open to Public
Inspection**

Department of the Treasury
Internal Revenue Service

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

▶ Attach to Form 990.

▶ Go to www.irs.gov/Form990 for the latest information.

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

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(1) UNIVERSITY OF GEORGIA FOUNDATION 394 S MILLEDGE AVE ATHENS, GA 30602	58-6033837	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(2) MISSISSIPPI STATE UNIVERSITY FOUNDATION 100 HUNTER HENRY BLVD, MS STATE, MS 39762	64-0410581	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(3) UNIVERSITY OF CONNECTICUT DEPARTMENT OF CHEMISTRY STORRS, CT 06268	06-0772160	CT STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(4) LANGSTON UNIVERSITY 701 SAMMY DAVIS JR DR LANGSTON, OK 73050	73-6017987	OK STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(5) NEW MEXICO STATE UNIVERSITY FNDTN, INC 1305 N HORSESHOE ST LAS CRUCES, NM 88003	85-6000401	NM STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF ARIZONA FOUNDATION 1111 NORTH CHERRY AVE TUCSON, AZ 85721	86-6050388	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(7) UTAH STATE UNIVERSITY 2400 OLD MAIN HILL LOGAN, UT 84322	87-6000528	501(C)(3)	19,500.		N/A	N/A	GENERAL SUPPORT
(8) COLUMBIA UNIVERSITY 100 HAMILTON HALL, NEW YORK, NY 10027	13-5598093	501(C)(3)	18,625.		N/A	N/A	GENERAL SUPPORT
(9) UNIVERSITY OF PUERTO RICO - MAYAGUEZ PO BOX 9035 MAYAGUEZ, PR 00681	66-0433761	501(C)(3)	18,250.		N/A	N/A	GENERAL SUPPORT
(10) ACS, MINNESOTA LOCAL SECTION 1576 PORTLAND AVENUE SAINT PAUL, MN 55104	41-6024526	501(C)(3)	18,000.		N/A	N/A	GENERAL SUPPORT
(11) HAMPTON UNIVERSITY 100 EQUEEN&TYLER ST., HAMPTON VA 23668	54-0505990	501(C)(3)	17,544.		N/A	N/A	GENERAL SUPPORT
(12) UNIVERSITY OF IDAHO 875 PERIMETER DRIVE MOSCOW, ID 83844	82-6000945	ID STATE	16,500.		N/A	N/A	GENERAL SUPPORT

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(1) NORTH CAROLINA A & T STATE UNIVERSITY 1601 E MARKET ST., GREENSBORO, NC 27401	56-6000007	OH STATE	16,125.		N/A	N/A	GENERAL SUPPORT
(2) NC ST UNIV COLLEGE OF SCI FND INC NCSU BOX 7207 RALEIGH, NC 27695	58-1524289	501(C)(3)	15,000.		N/A	N/A	GENERAL SUPPORT
(3) FLORIDA INTERNATIONAL UNIV BRD OF TRSTS 164 ANGELL STREET MIAMI, FL 33199	65-0177616	FL STATE	15,000.		N/A	N/A	GENERAL SUPPORT
(4) PRINCETON UNIVERSITY PO BOX 591 PRINCETON, NJ 08542	21-0634501	501(C)(3)	14,825.		N/A	N/A	GENERAL SUPPORT
(5) ACS, AKRON LOCAL SECTION 4312 COBBLESTONE DRIVE COPLEY, OH 44321	34-6524266	501(C)(3)	14,500.		N/A	N/A	GENERAL SUPPORT
(6) ACS, SNAKE RIVER LOCAL SECTION PO BOX 7264 BOISE, ID 83725	26-0657692	501(C)(3)	14,000.		N/A	N/A	GENERAL SUPPORT
(7) ACS, PUERTO RICO LOCAL SECTION 17 AVE UNIVERSIDAD STE, SAN JUAN, PR 00925	66-0684194	501(C)(3)	13,250.		N/A	N/A	GENERAL SUPPORT
(8) COLUMBUS COUNCIL ON WORLD AFFAIRS 51 JEFFERSON AVE COLUMBUS, OH 43215	51-0180760	501(C)(3)	12,950.		N/A	N/A	GENERAL SUPPORT
(9) IDAHO STATE UNIVERSITY 921 S 8TH AVE, MS8023 POCATELLO, ID 83209	82-6000924	501(C)(3)	12,475.		N/A	N/A	GENERAL SUPPORT
(10) UNIVERSITY OF NEW MEXICO ALBUQUERQUE, NM, 87131	85-6000642	NM STATE	12,125.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF PENNSYLVANIA 3451 WALNUT ST PHILADELPHIA, PA 19104	23-1352685	501(C)(3)	11,825.		N/A	N/A	GENERAL SUPPORT
(12) BAYLOR COLLEGE OF MEDICINE 1 BAYLOR PLAZA HOUSTON, TX 77030	74-1613878	501(C)(3)	11,500.		N/A	N/A	GENERAL SUPPORT

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(1) ACS, CHEMICAL EDUCATION DIVISION 590 CENTERVILLE RD, LANCASTER, PA 17601	42-0935374	501(C)(3)	11,000.		N/A	N/A	GENERAL SUPPORT
(2) AMER ASSOC FOR THE ADVMT OF SCI 1200 NEW YORK AVE NW WASHINGTON, DC 20005	53-0196568	501(C)(3)	11,000.		N/A	N/A	GENERAL SUPPORT
(3) PRAIRIE VIEW A&M UNIVERSITY PO BOX 519 PRAIRIE VIEW, TX 77446	74-6001078	TX STATE	10,500.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF DAYTON 300 COLLEGE PARK DAYTON, OH 45469	31-0536715	501(C)(3)	10,250.		N/A	N/A	GENERAL SUPPORT
(5) COUNCIL ON UNDERGRADUATE RESEARCH 734 15TH STREET NW, WASHINGTON, DC 20005	41-1398118	DC STATE	10,207.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF NEW HAMPSHIRE 111 SERVICE BUILDING DURHAM, NH 03824	02-6000937	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF RHODE ISLAND FOUNDATION 79 UPPER COLLEGE ROAD KINGSTON, RI 02881	05-6014351	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF CONNECTICUT FDN 2390 ALUMNI DR #3206 STORRS, CT 06269	06-6070722	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(9) ALABAMA A & M UNIVERSITY 105 PATTON BUILDING NORMAL, AL 35762	23-7067600	AL STATE	10,000.		N/A	N/A	GENERAL SUPPORT
(10) NORTH DAKOTA STATE UNIV FOUNDA 1241 N UNIVERSITY DR FARGO, ND 58102	23-7120898	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(11) KENTUCKY STATE UNIVERSITY 135 CARVER HALL FRANKFORT, KY 40601	61-1099712	KY STATE	10,000.		N/A	N/A	GENERAL SUPPORT
(12) LSU FOUNDATION 3796 NICHOLSON DR BATON ROUGE, LA 70802	72-6020969	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT

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(1) UNIVERSITY OF WYOMING FOUNDATION 1200 EAST IVINSON STREET LARAMIE, WY 82070	83-0201971	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(2) ACS, EASTERN NEW YORK LOCAL SECTION 301 LARK STREET SCOTIA, NY 12302	14-6030231	501(C)(3)	9,900.		N/A	N/A	GENERAL SUPPORT
(3) BOARD OF TRUSTEES OF MI STATE UNIVERSITY 426 AUDITORIUM ROAD, EAST LANSING, MI 48824	38-6005984	501(C)(3)	9,500.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF SOUTH FLORIDA PO BOX 864571 ORLANDO, FL 32886	59-3102112	FL STATE	9,500.		N/A	N/A	GENERAL SUPPORT
(5) ACS, CHEMICAL SOCIETY OF WASHINGTON SECTION 14509 BANQUO TERRACE, SILVER SPRING, MD 20906	52-6059804	501(C)(3)	9,250.		N/A	N/A	GENERAL SUPPORT
(6) EMORY UNIVERSITY 1515 DICKEY DRIVE ATLANTA, GA 30322	58-0566256	501(C)(3)	9,250.		N/A	N/A	GENERAL SUPPORT
(7) NEW JERSEY CITY UNIVERSITY 2039 JOHN KENNEDY BLVD, JERSEY CITY, NJ 07305	22-2830882	501(C)(3)	9,000.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF GEORGIA 310 EAST CAMPUS ROAD ATHENS, GA 30602	58-6001998	GA STATE	9,000.		N/A	N/A	GENERAL SUPPORT
(9) ACS, SIERRA NEVADA LOCAL SECTION 1664 N VIRGINIA ST RENO, NV 89557	88-6008127	501(C)(3)	9,000.		N/A	N/A	GENERAL SUPPORT
(10) OHIO UNIVERSITY 1 OHIO UNIVERSITY ATHENS, OH 45701	31-6402113	OH STATE	8,907.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF SAN DIEGO 5998 ALCALA PARK SAN DIEGO, CA 92110	95-2544535	501(C)(3)	8,850.		N/A	N/A	GENERAL SUPPORT
(12) BOSTON UNIVERSITY 881 COMMONWEALTH AVENUE BOSTON, MA 02215	04-2103547	501(C)(3)	8,750.		N/A	N/A	GENERAL SUPPORT

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(1) NEW JERSEY INSTITUTE OF TECH 391 DR.MARTIN KING BLVD, NEWARK NJ,07102	22-6000910	NJ STATE	8,750.		N/A	N/A	GENERAL SUPPORT
(2) NORTH CAROLINA STATE UNIV NCSU BOX 7606 RALEIGH, NC 27695	80-0543561	WV STATE	8,750.		N/A	N/A	GENERAL SUPPORT
(3) WICHITA STATE UNIV 1845 FAIRMOUNT WICHITA, KS 67260	48-6029925	KS STATE	8,300.		N/A	N/A	GENERAL SUPPORT
(4) CA POLYTECHNIC STATE UNIV 1 GRAND AVE BLDG, SAN LUIS OBISPO CA 93407	20-4927897	501(C)(3)	8,175.		N/A	N/A	GENERAL SUPPORT
(5) ACS, SAN DIEGO LOCAL SECTION 8171 VIA MALLORCA LA JOLLA, CA 92037	95-6050468	501(C)(3)	8,125.		N/A	N/A	GENERAL SUPPORT
(6) INTERAMERICAN UNIVERSITY OF PUERTO RICO AVENIDA UNIVERSIDAD, SAN GERMAN, PR 00683	66-0177776	501(C)(3)	8,100.		N/A	N/A	GENERAL SUPPORT
(7) WEST VIRGINIA STATE UNIV R & D CORP PO BOX 1000 INSTITUTE, WV 25112	55-0708567	501(C)(3)	8,000.		N/A	N/A	GENERAL SUPPORT
(8) ACS, SOUTHERN CALIFORNIA LOCAL SECTION 14934 S FIGUEROA STREET GARDENA, CA 90248	95-2270255	501(C)(3)	8,000.		N/A	N/A	GENERAL SUPPORT
(9) CLARK ATLANTA UNIVERSITY 223 JAMES P BRAWLEY DR SW ATLANTA, GA 30314	58-1825259	501(C)(3)	7,825.		N/A	N/A	GENERAL SUPPORT
(10) INDIANA UNIVERSITY PURDUE 420 UNIVERSITY BLVD INDIANAPOLIS, IN 46202	35-6001673	501(C)(3)	7,800.		N/A	N/A	GENERAL SUPPORT
(11) GEORGIA STATE UNIVERSITY 33 GILMER ST SE ATLANTA, GA 30302	58-6002050	501(C)(3)	7,750.		N/A	N/A	GENERAL SUPPORT
(12) LOYOLA UNIVERSITY OF CHICAGO 6339 N SHERIDAN RD CHICAGO, IL 60660	36-1408475	501(C)(3)	7,625.		N/A	N/A	GENERAL SUPPORT

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(1) HOWARD UNIVERSITY 2400 6TH ST NW WASHINGTON, DC 20059	53-0204707	501(C)(3)	7,600.		N/A	N/A	GENERAL SUPPORT
(2) RENSSELAER POLYTECHNIC INSTITUTE 110 8TH STREET HARTFORD, CT 06150	14-1340095	501(C)(3)	7,500.		N/A	N/A	GENERAL SUPPORT
(3) UNIVERSITY OF GUAM 303 UNIVERSITY DRIVE MANGILAO, GU 96923	98-0032933		7,500.		N/A	N/A	GENERAL SUPPORT
(4) UNIV OF SOUTHERN CALIFORNIA FINANCIAL AID OFFICE LOS ANGELES, CA 90089	95-1642394	501(C)(3)	7,438.		N/A	N/A	GENERAL SUPPORT
(5) UNIVERSITY OF NEBRASKA - LINCOLN 1400 R ST LINCOLN, NE 68588	47-0049123	501(C)(3)	7,125.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF ALABAMA 203 STUDENT SERV.CTR., TUSCALOOSA,AL35487	63-6001138	AL STATE	7,013.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF KENTUCKY 301 PETERSON SER. BLDG, LEXINGTON,KY 40506	61-6001218	501(C)(3)	7,000.		N/A	N/A	GENERAL SUPPORT
(8) FLORIDA GULF COAST UNIV BRD OF TRUSTEES 10501 FGCU BLVD. S. FORT MYERS, FL 33965	65-0753801	501(C)(3)	6,875.		N/A	N/A	GENERAL SUPPORT
(9) PELONTIA 450 W BROAD ST COLUMBUS, OH 43215	84-4997087	OH STATE	6,550.		N/A	N/A	GENERAL SUPPORT
(10) MOUNT HOLYOKE COLLEGE 50 COLLEGE STREET SOUTH HADLEY, MA 01075	04-2103578	501(C)(3)	6,500.		N/A	N/A	GENERAL SUPPORT
(11) STATE UNIVERSITY OF NEW YORK 1 COLLEGE CIRCLE GENESEO, NY 14454	14-6013200	NY STATE	6,500.		N/A	N/A	GENERAL SUPPORT
(12) CREIGHTON UNIVERSITY 2500 CALIFORNIA PLAZA OMAHA, NE 68178	47-0376583	501(C)(3)	6,500.		N/A	N/A	GENERAL SUPPORT

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

▶ Attach to Form 990.

▶ Go to www.irs.gov/Form990 for the latest information.

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 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.

1 (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 noncash assistance	(h) Purpose of grant or assistance
(1) ROSE-HULMAN INSTITUTE OF TECHNOLOGY 5500 WABASH AVE, TERRE HAUTE, IN 47803	35-0868149	501(C)(3)	6,375.		N/A	N/A	GENERAL SUPPORT
(2) KENT STATE UNIVERSITY 800 E SUMMIT ST KENT, OH 44243	31-6402079	NY STATE	6,300.		N/A	N/A	GENERAL SUPPORT
(3) HIGH POINT UNIVERSITY ONE UNIVERSITY PARKWAY HIGH POINT, NC 27268	56-0529999	501(C)(3)	6,300.		N/A	N/A	GENERAL SUPPORT
(4) BELHAVEN UNIVERSITY 1500 PEACHTREE ST JACKSON, MS 39202	64-0303069	501(C)(3)	6,082.		N/A	N/A	GENERAL SUPPORT
(5) BINGHAMTON UNIVERSITY 4400 VESTAL PKWY E. BINGHAMTON, NY 13902	13-0827234	NY STATE	6,000.		N/A	N/A	GENERAL SUPPORT
(6) ACS, KANSAS CITY LOCAL SECTION 2903 WILSHIRE COURT ST JOSEPH, MO 64506	44-0132880	501(C)(3)	6,000.		N/A	N/A	GENERAL SUPPORT
(7) GALLAUDET UNIVERSITY 800 FLORIDA AVENUE NE WASHINGTON, DC 20002	53-0199507	501(C)(3)	6,000.		N/A	N/A	GENERAL SUPPORT
(8) FLORIDA STATE UNIVERSITY 102 VARSITY WAY TALLAHASSEE, FL 32306	59-1961248	501(C)(3)	6,000.		N/A	N/A	GENERAL SUPPORT
(9) SACNAS 1121 PACIFIC AVENUE SANTA CRUZ, CA 95060	52-1443811	501(C)(3)	6,000.		N/A	N/A	GENERAL SUPPORT
(10) UNIVERSITY OF CHICAGO 5801 S ELLIS AVE CHICAGO, IL 60637	36-2177139	501(C)(3)	5,950.		N/A	N/A	GENERAL SUPPORT
(11) MONTCLAIR STATE UNIVERSITY 1 NORMAL AVENUE MONTCLAIR, NJ 07043	22-2912682	NJ STATE	5,750.		N/A	N/A	GENERAL SUPPORT
(12) ACS, PORTLAND LOCAL SECTION 808 NE SISKIYOU STREET PORTLAND, OR 97212	93-6034605	501(C)(3)	5,750.		N/A	N/A	GENERAL SUPPORT

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

3 Enter total number of other organizations listed in the line 1 table ▶

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2019)

**SCHEDULE I
(Form 990)**

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

OMB No. 1545-0047

2019

**Open to Public
Inspection**

Department of the Treasury
Internal Revenue Service

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

▶ Attach to Form 990.

▶ Go to www.irs.gov/Form990 for the latest information.

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 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.

1 (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 noncash assistance	(h) Purpose of grant or assistance
(1) UNIV OF TEXAS AT SAN ANTONIO ONE UTSA CIRCLE SAN ANTONIO, TX 78249	74-1717115	TX STATE	5,625.		N/A	N/A	GENERAL SUPPORT
(2) CITY COLLEGE OF NEW YORK 160 CONVENT AVE ROOM 104 NEW YORK, NY 10031	13-3893536	NY STATE	5,500.		N/A	N/A	GENERAL SUPPORT
(3) ACS, BRAZOSPORT LOCAL SECTION 230 ABNER JACKSON PKWY, LAKE JACKSON, TX 77566	74-6061396	501(C)(3)	5,500.		N/A	N/A	GENERAL SUPPORT
(4) PACIFIC UNIVERSITY 2043 COLLEGE WAY FOREST GROVE, OR 97116	93-0386892	501(C)(3)	5,500.		N/A	N/A	GENERAL SUPPORT
(5) CALIFORNIA STATE UNIVERSITY - LA 5151 STATE UNIV. DR, LOS ANGELES, CA 90032	95-4386558	CA STATE	5,500.		N/A	N/A	GENERAL SUPPORT
(6) SYRACUSE UNIVERSITY 200 BOWNE HALL SYRACUSE, NY 13244	15-0532081	501(C)(3)	5,300.		N/A	N/A	GENERAL SUPPORT
(7) YORK COLLEGE OF PENNSYLVANIA 441 COUNTY CLUB ROAD YORK, PA 17403	23-1352698	501(C)(3)	5,300.		N/A	N/A	GENERAL SUPPORT
(8) COLORADO STATE UNIVERSITY - PUEBLO 2200 BONFORTE BLVD PUEBLO, CO 81001	84-0517947	501(C)(3)	5,300.		N/A	N/A	GENERAL SUPPORT
(9) UNIVERSITY OF PUERTO RICO AT RIO PIEDRAS 14, 2534 AV. UNIVERSIDAD SAN JUAN, PR 00925	66-0433760		5,300.		N/A	N/A	GENERAL SUPPORT
(10) SAN DIEGO STATE UNIVERSITY 5500 CAMPANILE DR SAN DIEGO, CA 92182	33-0373293	CA STATE	5,250.		N/A	N/A	GENERAL SUPPORT
(11) DUKE UNIVERSITY 114 SOUTH BUCHANAN BLVD, DURHAM, NC 27708	56-0532129	501(C)(3)	5,250.		N/A	N/A	GENERAL SUPPORT
(12)							

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ▶ 249.

3 Enter total number of other organizations listed in the line 1 table ▶ 2.

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2019)

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	165.	408,404.		N/A	N/A
2 FELLOWSHIPS	253.	702,077.		N/A	N/A
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.

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

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					
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.

SUBMITTED TO ENSURE COMPLIANCE WITH GRANT BUDGETS, ACS POLICIES, AND
LEGAL REQUIREMENTS.

**SCHEDULE J
(Form 990)**

Department of the Treasury
Internal Revenue Service

Compensation Information

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.
- ▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2019

**Open to Public
Inspection**

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I Questions Regarding Compensation

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.

- | | |
|--|---|
| <input type="checkbox"/> First-class or charter travel | <input type="checkbox"/> Housing allowance or residence for personal use |
| <input type="checkbox"/> Travel for companions | <input type="checkbox"/> Payments for business use of personal residence |
| <input type="checkbox"/> Tax indemnification and gross-up payments | <input checked="" type="checkbox"/> Health or social club dues or initiation fees |
| <input type="checkbox"/> Discretionary spending account | <input type="checkbox"/> Personal services (such as maid, chauffeur, chef) |

b If any of the boxes on 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

2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, and officers, including the CEO/Executive Director, regarding the items checked on line 1a?

3 Indicate which, if any, of the following the 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.

- | | |
|---|---|
| <input checked="" type="checkbox"/> Compensation committee | <input type="checkbox"/> Written employment contract |
| <input checked="" type="checkbox"/> Independent compensation consultant | <input checked="" type="checkbox"/> Compensation survey or study |
| <input checked="" type="checkbox"/> Form 990 of other organizations | <input checked="" type="checkbox"/> Approval by the board or compensation committee |

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:

- a** Receive a severance payment or change-of-control payment?
 - b** Participate in, or receive payment from, a supplemental nonqualified retirement plan?
 - c** Participate in, or receive payment from, an equity-based compensation arrangement?
- If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.

Only section 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.

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:

- a** The organization?
 - b** Any related organization?
- If "Yes" on line 5a or 5b, describe in Part III.

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:

- a** The organization?
 - b** Any related organization?
- If "Yes" on line 6a or 6b, describe in Part III.

7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described on lines 5 and 6? If "Yes," describe in Part III.

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.

9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?

	Yes	No
1a	X	
2	X	
3		
4a		X
4b		X
4c		X
5a		X
5b		X
6a		X
6b		X
7		X
8		X
9		

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule J (Form 990) 2019

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 aren't 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				
1 DR. THOMAS M. CONNELLY, JR EXECUTIVE DIRECTOR & CEO	(i)	748,420.	288,868.	14,478.	25,200.	37,306.	1,114,272.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
2 MR. BRIAN A. BERNSTEIN TREAS & CFO-RETIRED 2/28/19	(i)	167,596.	118,296.	2,798.	12,455.	5,669.	306,814.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
3 MR. FLINT H. LEWIS SECRETARY & GENERAL COUNSEL	(i)	378,164.	105,564.	6,090.	25,200.	37,072.	552,090.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
4 MR. MANUEL GUZMAN PRESIDENT, CAS	(i)	782,148.	309,607.	4,902.	25,200.	33,240.	1,155,097.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
5 DR. BRIAN D. CRAWFORD PRESIDENT PUBS-RETIRED 9/20/19	(i)	436,816.	241,697.	10,580.	25,200.	21,471.	735,764.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
6 MR. JOHN R. SULLIVAN CHIEF INFORMATION OFFICER	(i)	399,785.	111,473.	3,972.	25,200.	36,404.	576,834.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
7 MR. BOLLAMPALLI RAO CTO VP INFO TECH, CAS	(i)	402,422.	139,056.	4,028.	25,200.	39,593.	610,299.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
8 DR. MICHAEL DENNIS VP, LEGAL ADM, PMO & INNVTN, CAS	(i)	346,709.	110,580.	3,391.	24,550.	32,989.	518,219.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
9 MR. BRANDON NORDIN SVP SALES, MKTG DGT STGY, PUBS	(i)	321,656.	115,279.	4,823.	24,763.	25,851.	492,372.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
10 MR. CRAIG STEPHENS SVP, SALES & MARKETING, CAS	(i)	348,948.	108,854.	4,121.	25,200.	35,487.	522,610.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
11 MR. ALBERT HORVATH TREASURER & CFO	(i)	364,195.	0.	3,656.	25,200.	20,108.	413,159.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
12 MR. TIMOTHY WAHLBERG VP PRODUCT MANAGEMENT, CAS	(i)	313,337.	94,500.	1,645.	25,200.	35,524.	470,206.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
13 DR. JAMES MILNE ACTING PRESIDENT, PUBS	(i)	0.	0.	0.	0.	0.	0.	0.
	(ii)	304,244.	108,052.	13,028.	30,732.	0.	456,056.	0.
14	(i)							
	(ii)							
15	(i)							
	(ii)							
16	(i)							
	(ii)							

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.

PART I, LINE 1A:

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: HEALTH CLUB FEES. THIS IS A BENEFIT OFFERED TO ALL EMPLOYEES. THERE WERE TWO LISTED PERSONS 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 FOUR STAFF OFFICERS. THE PAYMENTS WERE TREATED AS ORDINARY AND NECESSARY BUSINESS EXPENSES. THE ACS AND THE FOUR 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.

SCHEDULE L
(Form 990 or 990-EZ)

Transactions With Interested Persons

OMB No. 1545-0047

2019

Open To Public Inspection

Department of the Treasury
Internal Revenue Service

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 25a, 25b, 26, 27, 28a, 28b, or 28c, or Form 990-EZ, Part V, line 38a or 40b.**

▶ **Attach to Form 990 or Form 990-EZ.**

▶ **Go to www.irs.gov/Form990 for instructions and the latest information.**

Name of the organization
AMERICAN CHEMICAL SOCIETY

Employer identification number
53-0196572

Part I Excess Benefit Transactions (section 501(c)(3), section 501(c)(4), and 501(c)(29) organizations only).
Complete if the organization answered "Yes" on Form 990, Part IV, line 25a or 25b, or Form 990-EZ, Part V, line 40b.

1	(a) Name of disqualified person	(b) Relationship between disqualified person and organization	(c) Description of transaction	(d) Corrected?	
				Yes	No
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					

2 Enter the amount of tax incurred by the organization managers or disqualified persons during the year under section 4958 ▶ \$ _____

3 Enter the amount of tax, if any, on line 2, above, reimbursed by the organization, ▶ \$ _____

Part II Loans to and/or From Interested Persons.
Complete if the organization answered "Yes" on Form 990-EZ, Part V, line 38a or Form 990, Part IV, line 26; or if the organization reported an amount on Form 990, Part X, line 5, 6, or 22.

1	(a) Name of interested person	(b) Relationship with organization	(c) Purpose of loan	(d) Loan to or from the organization?		(e) Original principal amount	(f) Balance due	(g) In default?		(h) Approved by board or committee?		(i) Written agreement?	
				To	From			Yes	No	Yes	No	Yes	No
				(1)									
(2)													
(3)													
(4)													
(5)													
(6)													
(7)													
(8)													
(9)													
(10)													
Total							\$						

Part III Grants or Assistance Benefiting Interested Persons.
Complete if the organization answered "Yes" on Form 990, Part IV, line 27.

1	(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of assistance	(d) Type of assistance	(e) Purpose of assistance
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					

For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ.

Schedule L (Form 990 or 990-EZ) 2019

Part IV Business Transactions Involving Interested Persons.

Complete if the organization answered "Yes" on Form 990, Part IV, line 28a, 28b, or 28c.

(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of transaction	(d) Description of transaction	(e) Sharing of organization's revenues?	
				Yes	No
ATTACHMENT 1					
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					

Part V Supplemental Information

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

Part IV Business Transactions Involving Interested Persons.

Complete if the organization answered "Yes" on Form 990, Part IV, line 28a, 28b, or 28c.

(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of transaction	(d) Description of transaction	(e) Sharing of organization's revenues?	
				Yes	No
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					

Part V Supplemental Information

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

ATTACHMENT 1

SCHEDULE L, PART IV

(A) NAME OF INTERESTED PERSON JODI WESEMANN
 (B) RELATIONSHIP ACS EMPLOYEE AND SPOUSE OF DR. WAYNE E. JONES, JR DIRECTOR-AT-LARGE
 (C) AMOUNT 161,254.
 (D) DESCRIPTION OF TRANSACTION EMPLOYMENT
 (E) SHARING ORGANIZATION REVENUE? YES X NO

**SCHEDULE M
(Form 990)**

Noncash Contributions

OMB No. 1545-0047

2019

**Open to Public
Inspection**

Department of the Treasury
Internal Revenue Service

- ▶ Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.
- ▶ Attach to Form 990.
- ▶ Go to www.irs.gov/Form990 for instructions and the latest information.

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				
5 Clothing and household goods				
6 Cars and other vehicles.				
7 Boats and planes				
8 Intellectual property				
9 Securities - Publicly traded	X	4 .	40,943 .	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 ▶ ()				
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**

	Yes	No
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 isn't required to be used for exempt purposes for the entire holding period?		X
b If "Yes," describe the arrangement in Part II.		
31 Does the organization have a gift acceptance policy that requires the review of any nonstandard contributions?	X	
32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions?		X
b If "Yes," describe in Part II.		
33 If the organization didn't report an amount in column (c) for a type of property for which column (a) is checked, describe in Part II.		

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule M (Form 990) 2019

JSA

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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.

**SCHEDULE O
(Form 990 or 990-EZ)**

Department of the Treasury
Internal Revenue Service

Name 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

2019

**Open to Public
Inspection**

Employer identification number

53-0196572

PART III, LINE 4D

OTHER PROGRAM SERVICES INCLUDES 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 LIFE, TEN - AND TWENTY - YEAR LEVEL TERM LIFE, HIGH LIMIT ACCIDENTAL DEATH AND DISMEMBERMENT, HOSPITAL INDEMNITY, DISABILITY PROTECTION, SUPPLEMENTAL HEALTH, PROFESSIONAL LIABILITY, AND AUTO/HOMEOWNERS INSURANCE.

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:

THE UNITED KINGDOM

IN 2019, THE ACS MAINTAINED BANK ACCOUNTS IN THE UNITED KINGDOM FOR PURPOSES OF COLLECTING REVENUE AND PAYING EXPENSES DENOMINATED IN FOREIGN CURRENCIES.

PART VI, SECTION A - GOVERNING BODY AND MANAGEMENT LINE 2:

DID ANY OFFICER, DIRECTOR, TRUSTEE, OR KEY EMPLOYEE HAVE A FAMILY

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RELATIONSHIP OR A BUSINESS RELATIONSHIP WITH ANY OTHER OFFICER, DIRECTOR, TRUSTEE, OR KEY EMPLOYEE? YES.

IN 2019, 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 (RETIRED 2/28/2019) AND ALBERT HORVATH SERVED AS ACSI OFFICERS CONSECUTIVELY (SECRETARY/TREASURER). THEY RECEIVED NO COMPENSATION FOR THEIR SERVICE AS DIRECTOR OR OFFICER OF ACSI.

IN 2019, THE PRESIDENT-ELECT (DR. BONNIE A. CHARPENTIER) HAD A FAMILY RELATIONSHIP WITH AN ACS DIRECTOR (DR. LEE H. LATIMER).

PART VI, LINE 4

DID THE ORGANIZATION MAKE ANY SIGNIFICANT CHANGES TO ITS GOVERNING DOCUMENTS SINCE THE PRIOR FORM 990 WAS FILED?

IN 2019, THE ACS FUNDAMENTAL GOVERNING DOCUMENTS - THE CONSTITUTION AND BYLAWS WERE REORGANIZED WITH THE OBJECTIVE OF PRESERVING THE CURRENT GOVERNANCE STRUCTURE AND ALL CURRENT PROVISIONS, WHILE CREATING A THIRD DOCUMENT - STANDING RULES. ORGANIZATIONALLY, THESE THREE DOCUMENTS SHOULD WORK AS A HIERARCHY. THE CONSTITUTION SHOULD DEFINE; THE BYLAWS

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SHOULD AUTHORIZE, AND THE STANDING RULES SHOULD OPERATIONALIZE.

LINE 6:

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 2019, 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

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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.

LINE 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

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 2019, THE ACS HAD 149,579 MEMBERS WHO WERE EITHER A REGULAR MEMBER OR AN UNDERGRADUATE STUDENT MEMBER, WHO ELECT THE ACS PRESIDENT-ELECT. IN

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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 2019, ACS HAD 32 DIVISIONS AND 185 LOCAL SECTIONS). TWENTY PERCENT OF ELECTED COUNCILORS ARE ELECTED BY DIVISIONS AND 80% ARE ELECTED BY LOCAL SECTIONS.

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, STRATEGIC FINANCIAL PLANNING. THE RETURN WAS THEN REVIEWED BY MEMBERS OF ACS

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SENIOR MANAGEMENT INCLUDING THE TREASURER & CHIEF FINANCIAL OFFICER, EXECUTIVE VICE PRESIDENT, HUMAN RESOURCES, DIRECTOR OF EXTERNAL AFFAIRS & COMMUNICATION, 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.

LINE 12C:

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

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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 SOCIETY'S INTERESTS, THE EMPLOYEE IS REQUIRED TO CONSULT WITH HUMAN RESOURCES IN WRITING AND RECEIVES A FORMAL WRITTEN RESPONSE.

LINE 15:

DID THE PROCESS FOR DETERMINING COMPENSATION OF THE FOLLOWING PERSONS INCLUDE A REVIEW AND APPROVAL BY INDEPENDENT PERSONS, COMPARABILITY DATA,

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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.

THE ACS BOARD OF DIRECTORS DETERMINES THE SALARIES AND INCENTIVE PAY OF THE ORGANIZATION'S 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

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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 BOARD'S 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 BOARD'S EXECUTIVE COMMITTEE (FOR PERFORMANCE YEAR UNDER CONSIDERATION). THE CHAIR OF THIS SUBCOMMITTEE IS THE ACS BOARD CHAIR.

THE TOTAL CASH COMPENSATION FOR ACS'S EXECUTIVE POSITIONS IS REGULARLY BENCHMARKED AGAINST COMPARABLE EXECUTIVE POSITIONS USING INDEPENDENTLY PUBLISHED COMPENSATION SURVEY DATA AND INDEPENDENT EXECUTIVE CONSULTANTS.

THE SALARY INCREASES AND INCENTIVE PAYMENTS FOR THE EXECUTIVE DIRECTOR & CEO, OFFICERS, TOP MANAGEMENT OFFICIALS, AND KEY EMPLOYEES IN 2019 WERE BASED ON THE 2018 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 AND BOARD MEETINGS. THE SALARY INCREASE AND INCENTIVE PAYMENTS 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.

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SALARY INCREASES FOR 2019 FOR ACS EXECUTIVES WERE PROCESSED IN THE FIRST QUARTER OF 2020.

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](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.

PART XI, LINE 9

OTHER CHANGES IN NET ASSETS OR FUND BALANCES:

CHANGE IN PENSION FUNDING STATUS	\$12,024,553
GRANT REFUNDS	\$482,420
ADJUSTMENTS TO PLEDGES RECEIVABLE	(\$20)
LINE 9, OTHER CHANGES IN NET ASSETS	\$12,506,953

ATTACHMENT 1

FORM 990, PART III - PROGRAM SERVICE, LINE 4A

INFORMATION SERVICES -

THE AMERICAN CHEMICAL SOCIETY (ACS) ACHIEVES ITS GOAL TO BE AN

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ATTACHMENT 1 (CONT'D)

INDISPENSABLE PROFESSIONAL AND INFORMATION RESOURCE FOR MEMBERS AND OTHER CHEMISTRY-RELATED PRACTITIONERS THROUGH TWO PUBLISHING DIVISIONS, CAS (CHEMICAL ABSTRACTS SERVICE) 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.

FOR MORE THAN 110 YEARS, CAS HAS BEEN ANALYZING THE WORLD'S SCIENTIFIC CONTENT AND ADVANCING NEW SEARCH TECHNOLOGIES TO MAKE INFORMATION MORE ACCESSIBLE. AS A SPECIALIST IN SCIENTIFIC INFORMATION, CAS PRODUCTS AND SERVICES POWER GLOBAL RESEARCH, DISCOVERY AND INNOVATION. CAS HELPS COMMERCIAL, GOVERNMENT AND ACADEMIC ORGANIZATIONS PREDICT WHERE TO INNOVATE, PLAN WHAT INNOVATIONS TO COMMERCIALIZE, AND PROTECT INNOVATIONS FROM RISK.

CAS PROVIDES POWERFUL INFORMATION ANALYSIS PRODUCTS, INCLUDING SCIFINDER® AND STN® THAT IMPROVE PRODUCTIVITY AND HELP ADVANCE DISCIPLINES - BE IT IN CHEMISTRY AND RELATED SCIENCES OR INTELLECTUAL PROPERTY. CAS'S BROAD-BASED, EASY TO USE WORKFLOW SOLUTIONS DRIVE DISCOVERY AND DEEP INSIGHTS FOR THE SCIENTIFIC ENTERPRISE THAT LEAD TO INNOVATIONS RANGING FROM PRODUCT IMPROVEMENTS, TO REVELATIONS THAT SOLVE SOME OF THE WORLD'S BIGGEST PROBLEMS IN AREAS FROM TREATMENT OF DISEASE, TO SUSTAINABLE ENERGY, OR TO GLOBAL FOOD SUPPLY NEEDS.

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ATTACHMENT 1 (CONT'D)

CAS ALSO BRINGS THE UNIQUE CAPABILITY TO DESIGN CUSTOM SOLUTIONS THAT MAXIMIZE THE STRATEGIC IMPACT OF SCIENTIFIC INFORMATION. CUSTOMIZED SOLUTIONS FROM CAS MAXIMIZE THE VALUE OF DIGITAL ASSETS, POWER DATA-DRIVEN DECISIONS AND ENABLE ORGANIZATIONS TO INNOVATE MORE EFFICIENTLY.

IN 2019, CAS CONTINUED TO DELIVER VALUABLE SCIENTIFIC INFORMATION SOLUTIONS THAT POWER GLOBAL RESEARCH, DISCOVERY, AND INNOVATION. THE NUMBER OF CUSTOMER ORGANIZATIONS NOW BENEFITING FROM EFFICIENCIES USING THE MODERNIZED SCIFINDER PLATFORM NEARLY QUADRUPLED TO MORE THAN 2000. ROLLOUT OF NEW PREDICTIVE RETROSYNTHESIS CAPABILITIES WITHIN SCIFINDER WERE ALSO IMPLEMENTED, IMPROVING WORKFLOW EFFICIENCIES FOR RESEARCHERS. ADDITIONALLY, SIGNIFICANT PROGRESS WAS MADE WITH ADVANCING THE STN FRANCHISE AND IN EXPANDING CAS SERVICE OFFERINGS THAT HELP ORGANIZATIONS MAXIMIZE THE VALUE THEY RECEIVE FROM THEIR RELATIONSHIPS WITH CAS.

THROUGH AN UNPARALLELED COMMITMENT TO QUALITY, RELIABILITY, AND INNOVATION, ACS PUBLICATIONS SERVES THE GLOBAL SCIENTIFIC COMMUNITY AS THE LEADING PUBLISHER OF PEER-REVIEWED RESEARCH JOURNALS IN THE CHEMICAL AND RELATED SCIENCES, AND THE LEADING NEW MAGAZINE OF THE CHEMICAL WORLD.

IN 2019, ACS PUBLISHED 60 PEER-REVIEWED JOURNALS, DISSEMINATING

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ATTACHMENT 1 (CONT'D)

CUTTING-EDGE ARTICLES ACROSS A BROAD SPECTRUM OF SCIENTIFIC DISCIPLINES. THE BREADTH AND SCOPE OF THE SOCIETY'S JOURNALS IS UNPARALLELED, STRETCHING ACROSS CHEMISTRY, PHYSICS, AND BIOLOGY. NOTED FOR THEIR HIGH QUALITY, RAPID TIME TO PUBLICATION, AND HIGH IMPACT, ACS JOURNALS ARE AVAILABLE AT MORE THAN 5,000 ACADEMIC, GOVERNMENTAL, AND CORPORATE INSTITUTIONS WORLDWIDE.

IN 2019, THE DIVISION CONTINUED ITS STRONG RECORD OF SERVICE TO THE GLOBAL COMMUNITY OF RESEARCHERS IN THE CHEMICAL AND RELATED SCIENCES - 57,000 ARTICLES WERE SELECTED 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 JOURNALS CONTINUE TO BE THE MOST-CITED AND/OR IMPACTFUL SCIENTIFIC JOURNALS IN THEIR RESPECTIVE SCIENTIFIC SUBJECT CATEGORIES, ACCORDING TO THE 2018 JOURNAL CITATION REPORTS® (JCR), RELEASED BY CLARIVATE ANALYTICS. IN TOTAL, ACS JOURNAL ARTICLES WERE CITED MORE THAN 3.4 MILLION TIMES IN 2018, AN INCREASE OF 7 PERCENT OVER THE PREVIOUS YEAR. ACS JOURNALS CONTINUE TO BE MOST-IMPACTFUL PUBLICATIONS IN THE SIX CORE CHEMISTRY CATEGORIES, WITH 75% RANKING IN THE TOP QUARTER OF THEIR RESPECTIVE TOPICAL CATEGORIES. ALMOST HALF OF ACS TITLES ACHIEVED IMPACT FACTORS OF 5 OR HIGHER.

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ATTACHMENT 1 (CONT'D)

THE PUBLICATIONS DIVISION'S PORTFOLIO OF PEER REVIEWED JOURNALS WAS FURTHER STRENGTHENED IN 2019 WITH SEVERAL KEY ADDITIONS:

- THE JOURNAL OF CHEMICAL HEALTH & SAFETY WAS ACQUIRED FROM THE EPONYMOUS DIVISION, AND RELAUNCHED AS ACS CHEMICAL HEALTH & SAFETY
- THE JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY WAS INTRODUCED AS A PARTNER PUBLISHING ACTIVITY, A SYNERGISTIC COLLABORATION WITH THE AMERICAN SOCIETY FOR MASS SPECTROMETRY
- ACS MATERIALS LETTERS WAS INTRODUCED AND PUBLISHED ITS FIRST ISSUES IN 2019

SUPPORTING THE EXPANSION AND INNOVATIONS SURROUNDING PUBLISHING ACTIVITIES, ACS INVESTED IN OVERHAULING AND REDESIGNING ITS DIGITAL PUBLISHING PLATFORM (PUBS.ACS.ORG). THE NEW RESPONSIVE DESIGN IS MORE INTUITIVE FOR USERS, AND ALSO PROVIDES A SOUND FRAMEWORK FOR FURTHER GROWTH AND SCALABILITY. TO COMPLEMENT THE UPGRADING OF THE ONLINE DELIVERY PLATFORM, THE ARTICLE PDF WAS ENHANCED. THE NEW FORMAT INCLUDES NUMEROUS DYNAMIC LINKS TO IMPROVE READER EXPERIENCE.

ACS PUBLICATIONS OPEN ACCESS OFFERINGS CONTINUE TO THRIVE AND EXPAND ACS' GLOBAL REACH. CHEMRXIV (TM), THE CHEMISTRY PREPRINT SERVER FOR THE GLOBAL CHEMISTRY COMMUNITY, CONTINUED ITS RECORD OF GROWTH. CHEMRXIV FACILITATES THE RAPID AND OPEN DISSEMINATION OF

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ATTACHMENT 1 (CONT'D)

IMPORTANT SCIENTIFIC FINDINGS AHEAD OF FORMAL PEER REVIEW AND PUBLICATION, AND HELPS RESEARCHERS ATTRACT CONSTRUCTIVE FEEDBACK FROM PEERS AND ESTABLISH PRIORITY IN COMPETITIVE FIELDS. EACH PREPRINT CARRIES AN ASSOCIATED ALTMETRIC BADGE AND ATTENTION SCORE. CHEMRXIV HAS NOW POSTED OVER 3,300 PREPRINTS SINCE ITS LAUNCH IN 2017. DURING 2019, THE SERVICE WELCOMED THE CHINESE CHEMICAL SOCIETY AND THE CHEMICAL SOCIETY OF JAPAN AS CO-OWNERS, ALONGSIDE ACS, GDCH AND RSC, MAKING THIS A TRUE COLLABORATIVE ACTIVITY FOR THE GLOBAL CHEMISTRY COMMUNITY. ALSO IN 2019, ACS PUBLICATIONS CONTINUED TO BUILD ON ITS OPEN ACCESS PROGRAMS BY SECURING A GROWING NUMBER OF TRANSFORMATIVE 'READ & PUBLISH' AGREEMENTS ACROSS MULTIPLE COUNTRIES, COUPLING SUBSCRIPTION LICENSES WITH OPEN ACCESS PUBLICATION CREDITS. THESE ARRANGEMENTS ENCOURAGE OPEN ACCESS PUBLISHING WHILE RECOGNIZING THE CHALLENGES IN ADAPTING FUNDING AND RESOURCING AT A LOCAL LEVEL.

ACS PUBLICATIONS PLAYED A LEADING ROLE IN TWO BROAD INDUSTRY INITIATIVES AIMED AT STREAMLINING ACCESS TO SCHOLARLY CONTENT. BOTH SEAMLESSACCESS.ORG (FORMERLY RA21) AND GETFTR (GET FULL TEXT RESEARCH) WERE DEVELOPED AND ANNOUNCED DURING 2019.

IN 2019, ACS JOURNALS RECORDED MORE THAN 156,000,000 DOWNLOADS OF FULL TEXT RESEARCH ARTICLES TO USERS - A DOUBLE-DIGIT INCREASE OVER 2018.

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ATTACHMENT 1 (CONT'D)

C&EN COMPLETED A SERIES OF INITIATIVES WITHIN ITS NEWSROOM TO EMPHASIZE SPEED, GROWTH, AND CONTINUOUS IMPROVEMENT. IN ADDITION TO NUMEROUS PROGRAM ACTIVITIES, THROUGH THE YEAR C&EN:

- LAUNCHED C&EN CHEMISTRY UPDATE, A VOICE-ACTIVATED DAILY INFORMATION BRIEFING ACCESSIBLE VIA AMAZON'S ALEXA AND GOOGLE HOME.
- PARTNERED WITH NEWS CATALYST, SUPPORTING NEWSROOM PRODUCT TRAINING PROGRAMS
- LAUNCHED A NEW AND IMPROVED APP FOR SMART PHONES 'CHEMISTRY NEWS BY C&EN'
- ROLLED OUT ADDITIONAL TRANSLATION SERVICES, TO INCLUDE PORTUGUESE AND ARABIC
- INTRODUCED 'DIVERSITY IN JOURNALISM' TRACKING, TO INFORM AND IMPROVE DIVERSITY IN THE SOURCE AND SUBJECT OF CONTENT

TRAFFIC TO THE C&EN WEBSITE REACHED ALMOST 3.8 MILLION UNIQUE USERS AND C&EN NEWSLETTERS CONTINUE TO DRIVE READERS TO C&EN'S GROWING BODY OF DIGITAL FIRST AND DIGITAL ONLY CONTENT.

ATTACHMENT 2

FORM 990, PART III - PROGRAM SERVICE, LINE 4B

EDUCATION AND MEMBERSHIP

SUPPORTING EXCELLENCE IN EDUCATION IS A STRATEGIC GOAL OF ACS. ACS RESOURCES, SERVICES, AND PRODUCTS FOSTER THE DEVELOPMENT OF

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ATTACHMENT 2 (CONT'D)

INNOVATIVE, RELEVANT, AND EFFECTIVE CHEMISTRY AND CHEMISTRY-RELATED EDUCATION THAT PREPARES A SCIENTIFICALLY LITERATE CITIZENRY AND HIGHLY QUALIFIED CHEMICAL WORKFORCE READY TO ADDRESS GLOBAL CHALLENGES.

IN 2019, ACS REACHED OUT TO NUMEROUS ELEMENTARY AND SECONDARY SCHOOL STUDENTS AND TEACHERS IN NEW AND INNOVATIVE WAYS. ACS PROVIDED A NEW GENERATION OF UNDERGRADUATE AND GRADUATE STUDENTS AND FACULTY 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 2019 WITH MORE THAN 6,710 MEMBERS, AN 18 PERCENT GROWTH SINCE 2018.

IN 2019, THE ACS WEBSITE FOR THE "GET THE FACTS OUT" PROJECT WAS LAUNCHED, PROVIDING INFORMATION AND A TOOL KIT FOR CHANGING THE MISPERCEPTIONS AROUND CAREERS IN TEACHING SCIENCE AND MATH IN SECONDARY SCHOOLS.

ONE OF FIVE SCIENTIFIC SOCIETIES THAT ESTABLISHED THE INCLUSIVE GRADUATE EDUCATION NETWORK, ACS ESTABLISHED THE ACS BRIDGE PROJECT TO INCREASE THE NUMBER OF UNDERREPRESENTED MINORITY STUDENTS WHO RECEIVE DOCTORAL DEGREES IN CHEMICAL SCIENCES. THE ACS BRIDGE PROGRAM AND ACS BRIDGE TRAVEL AWARDS LAUNCHED IN 2019.

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ATTACHMENT 2 (CONT'D)

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 3,200 AFRICAN-AMERICAN, HISPANIC/LATINO, AND NATIVE AMERICAN STUDENTS HAVE PARTICIPATED IN THE PROGRAM SINCE 1995. OF THOSE, OVER 2,000 HAVE EARNED BACHELOR'S DEGREES IN A CHEMICAL SCIENCE AND OVER 330 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 2019, OVER 400 VOLUNTEER SCIENTISTS AND COORDINATORS MENTORED 454 STUDENTS IN MORE THAN 150 INSTITUTIONS IN 37 STATES, THE DISTRICT OF COLUMBIA AND PUERTO RICO. FOR THE 2019-2020 SCHOOL YEAR, ACS AWARDED 27 PROJECT SEED COLLEGE SCHOLARSHIPS TO ALUMNI ENTERING THEIR FRESHMAN YEAR IN COLLEGE. TWO PROJECT SEED COLLEGE SCHOLARS RECEIVED THE CIBA SPECIALTY CHEMICALS SCHOLARSHIPS FOR THREE-RENEWABLE YEARS BEGINNING WITH THEIR SOPHOMORE YEAR. THE FIRST LOCONTI SCHOLARS WINNER WAS SELECTED, RECEIVING A FOUR-YEAR RENEWABLE SCHOLARSHIP STARTING AT THE FRESHMAN YEAR.

THE COLLECTION OF PROFESSIONAL AND CAREER DEVELOPMENT RESOURCES

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ATTACHMENT 2 (CONT'D)

FOR STUDENTS AND EDUCATORS WAS EXPANDED WITH NEW AND ADDITIONAL WORKSHOPS, HELD IN-PERSON AND ONLINE. ELECTRONIC ACCESS TO CURRICULAR RESOURCES AND PUBLICATIONS WAS INCREASED.

IN 2019, THE US CHEMISTRY OLYMPIAD TEAM CONTINUED ITS HISTORICALLY STRONG PERFORMANCE, WINNING ONE SILVER AND THREE GOLD MEDALS AT THE 51ST INTERNATIONAL CHEMISTRY OLYMPIAD.

IN 2019, THE OUTREACH TRAINING PROGRAM WAS PILOTED, ENHANCING THE IMPACT OF CHEMISTRY FESTIVALS AND OTHER SCIENCE OUTREACH. CHEMISTS CELEBRATE EARTH WEEK AND NATIONAL CHEMISTRY WEEK ENGAGED 144 AND 165 ACS LOCAL SECTIONS, DISTRIBUTING OVER 86,000 AND 175,700 COPIES OF THE CHILDREN'S PUBLICATION "CELEBRATING CHEMISTRY", RESPECTIVELY. ACS ALSO JOINED THE INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY AND OTHER CHEMICAL SOCIETIES AROUND THE WORLD IN CELEBRATING THE 150TH ANNIVERSARY OF DMITRI MENDELEEV'S PERIOD TABLE OF CHEMICAL ELEMENTS.

ACS MEMBERSHIP & SOCIETY SERVICES (M&SS) PROGRAMS ARE ADMINISTERED WITH THE VISION THAT ACS WILL BE THE PREMIER PROFESSIONAL MEMBERSHIP ORGANIZATION FOR ALL PRACTITIONERS OF CHEMISTRY WORLDWIDE. IN 2019, THE SOCIETY CLOSED THE YEAR WITH OVER 152,000 MEMBERS; THE SECOND CONSECUTIVE YEAR OF TOTAL MEMBERSHIP GROWTH. THROUGH NUMEROUS ACTIVITIES WHICH INCLUDE DEVELOPING INNOVATIVE MEMBERSHIP BENEFITS AND DUES INITIATIVES, ACS CONTINUES TO UNDERSTAND AND ACT UPON FINDINGS TO ENSURE THAT THIS GROWTH IS

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ATTACHMENT 2 (CONT'D)

SUSTAINABLE IN THE FUTURE. INTERNATIONAL MEMBERSHIP ROSE TO A RECORD HIGH OF OVER 30,000 MEMBERS, NOW REPRESENTING 20% OF TOTAL MEMBERSHIP.

MEMBERSHIP PROGRAMS ARE BUILT AROUND FOUR 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 FACILITATING EXCELLENT VOLUNTEER DRIVEN PROGRAMS
- SUPPORT A DIVERSE COMMUNITY OF MULTIDISCIPLINARY 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 OUR SCIENCE IN A MULTIDISCIPLINARY, INTERNATIONAL CONTEXT; ENSURE ADVANCES IN SCIENTIFIC KNOWLEDGE AND EDUCATION BENEFIT THE GLOBAL SCIENTIFIC COMMUNITY; AND FOSTER A LIFELONG CONNECTION AMONG INTERNATIONAL CHEMICAL PROFESSIONALS TO ACS

IN 2019, THE ACS HELD 2 NATIONAL MEETINGS, ENABLED THE ORGANIZATION OF 7 REGIONAL MEETINGS AND SUPPORTED 15 ADDITIONAL SPECIALTY MEETINGS. MORE THAN 28,000 PEOPLE COMBINED ATTENDED THE ACS NATIONAL MEETINGS IN ORLANDO, FL AND SAN DIEGO, CA AND NEARLY 23,000 SCIENTIFIC PAPERS WERE DELIVERED AT THESE EVENTS. FIVE

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ATTACHMENT 2 (CONT'D)

HUNDRED COMPANIES, ENCOMPASSING 77,300 NET SQUARE FEET, EXHIBITED. THE FIRST ACS ENTREPRENEUR PITCH TRAINING AND COMPETITION WAS HELD IN THE EXPO HALL DURING THE SAN DIEGO MEETING. THE EVENT WAS ATTENDED BY OVER 50 ATTENDEES, AND GARNERED ENGAGEMENT ACROSS A LARGE SECTOR OF INVESTORS AND INNOVATORS IN THE ENTREPRENEURIAL SPACE. THE REGIONAL MEETINGS ATTRACTED OVER 5,700 ATTENDEES COMBINED, WITH OVER 3,700 SCIENTIFIC PAPERS. TOTAL ATTENDANCE FOR THE SUPPORTED SPECIALTY MEETINGS WAS 2,300.

IN THE FALL OF 2019, 65 CHAPTER LEADERS FROM 28 ACS INTERNATIONAL CHEMICAL SCIENCES CHAPTERS (ICSCS) AND ACS INTERNATIONAL STUDENT CHAPTERS (ISCS) CONVENED FOR TWO (REGIONAL) INTERNATIONAL CHAPTER LEADERSHIP SUMMITS. THE SUMMITS, WHICH COVERED THE AMERICAS AND THE MIDDLE EAST & AFRICA, WERE DESIGNED TO EQUIP VOLUNTEER LEADERS WITH TOOLS AND RESOURCES NEEDED FOR CHAPTER MANAGEMENT; AND, TO STRENGTHEN THE MEMBER COMMUNITY AND ENGAGEMENT WITHIN AND AMONG THEIR CHAPTERS.

TWO ACS PROGRAM-IN-A-BOX INTERACTIVE WEBCASTS WERE HELD DURING THE YEAR. THE FIRST CELEBRATED THE "INTERNATIONAL YEAR OF THE PERIODIC TABLE" FOLLOWED BY THE NATIONAL CHEMISTRY WEEK THEME, "MARVELOUS METALS". THESE UNIQUE ONLINE SCIENCE EVENTS COMBINED TO REACH 18,000 ATTENDEES AND 733 GROUPS. ATTENDEES SHARED OVER 2,700 POSTS AND PHOTOS ON SOCIAL MEDIA, PUSHING THE EVENT HASHTAG #ACSPIB INTO THE TOP 10 TRENDING TOPICS ON TWITTER DURING BOTH EVENTS. THE GLOBAL REACH OF ACS PROGRAM-IN-A-BOX CONTINUES TO

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ATTACHMENT 2 (CONT'D)

EXPAND WITH A TOTAL OF 43 GROUPS JOINING INTERNATIONALLY.

SIX ACS CAREER DAY EVENTS WERE CONDUCTED IN PARTNERSHIP WITH ACS LOCAL SECTIONS IN 2019. THE EVENTS, TARGETING MID-LEVEL CAREER SEEKERS, INCLUDED WORKSHOPS, EMPLOYER SHOWCASES, AND NETWORKING ACTIVITIES TO SUPPORT CONTINUED PROFESSIONAL ADVANCEMENT.

INDIVIDUAL CAREER CONSULTING APPOINTMENTS WERE MADE AVAILABLE EXCLUSIVELY TO ACS MEMBERS. EACH EVENT AVERAGED 60 PARTICIPANTS WITH OVER 63% OF ATTENDEES REPORTING THAT THE ACS CAREER DAY WAS THE FIRST TIME THEY ATTENDED A LIVE, IN-PERSON ACS EVENT.

MORE THAN 2,000 ACS MEMBERS PARTICIPATED IN THE OFFICE OF AWARDS & MEMBER RECOGNITION PROGRAMS IN 2019 VIA THE ACS NATIONAL AWARDS PROGRAM, ACS FELLOWS PROGRAM, AND/OR THE ACS CHEMLUMINARY AWARDS. MEMBERS WERE EITHER RECOGNIZED WITH A NATIONAL AWARD, INDUCTED AS AN ACS FELLOW, HONORED FOR GRASSROOTS ACTIVITIES, OR PARTICIPATED IN SELECTION ACTIVITIES.

OUTREACH ACTIVITIES INCLUDED LAUNCHING THE INDUSTRY MATTERS NEWSLETTER. IT ACHIEVED ITS THREE PRIMARY GOALS: (1) ESTABLISH REGULAR COMMUNICATION BETWEEN ACS AND ITS INDUSTRY MEMBERS, (2) DELIVER INDUSTRY MEMBERS WITH ORIGINAL CONTENT, AND (3) PROVIDE INDUSTRY MEMBERS, WITH AN ADDITIONAL OPPORTUNITY TO CONTRIBUTE. ABOUT 10,000 INDUSTRY MEMBERS ARE ENGAGING VIA THIS NEW CHANNEL.

ACS GREEN CHEMISTRY INSTITUTE HELD ITS GREEN CHEMISTRY &

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ATTACHMENT 2 (CONT'D)

ENGINEERING CONFERENCE IN CONJUNCTION WITH THE 9TH INTERNATIONAL CONFERENCE ON GREEN AND SUSTAINABLE CHEMISTRY IN RESTON, VA. THE CONFERENCE WAS VERY WELL ATTENDED, INCLUDING ABOUT 30% OF ATTENDEES FROM INDUSTRY. THE 2019 GREEN CHEMISTRY CHALLENGE AWARDS WERE HELD IN CONJUNCTION WITH THE U.S. EPA. THE PHARMACEUTICAL ROUNDTABLE MEMBERSHIP CONTINUES TO INCREASE, CURRENTLY WITH 34 MEMBERS INCLUDING ASSOCIATE AND AFFILIATE MEMBERS. THE NEW WEBSITE WWW.ACSGCIPR.ORG WAS LAUNCHED IN 2019 AND IS THE GO-TO PLACE FOR THE ROUNDTABLE'S PUBLIC-FACING ACTIVITIES, INCLUDING NEW TOOLS, GRANTS, PUBLICATIONS, AND UPCOMING EVENTS AND TRAININGS. THE WEBSITE ALSO HAS A ROUNDTABLE MEMBERS-ONLY SECTION TO SUPPORT THEIR TEAMWORK. SIX GRANT RECIPIENTS WERE AWARDED A TOTAL OF ALMOST \$250,000 IN RESEARCH FUNDING IN 2019, AND THE ROUNDTABLE AWARDED \$26,000 IN TRAVEL GRANTS. THE ROUNDTABLE HELD ITS FIRST FACE-TO-FACE MEETING IN CHINA AND HELD EVENTS IN INDIA TO SUPPORT ITS GLOBAL REACH.

ATTACHMENT 3

FORM 990, PART III - PROGRAM SERVICE, 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

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ATTACHMENT 3 (CONT'D)

SUBSEQUENT RESEARCH DIRECTLY CONNECTED WITH THE PETROLEUM FIELD.

IN 2019, THE ACS PRF FUNDED 176 GRANTS, TOTALING \$17.5 MILLION.

THE GRANTS INCLUDED 68 NEW DIRECTIONS GRANTS; 72 DOCTORAL NEW

INVESTIGATOR GRANTS; 20 UNDERGRADUATE RESEARCH GRANTS; AND 16

UNDERGRADUATE NEW INVESTIGATOR GRANTS.

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

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ATTACHMENT 3 (CONT'D)

MEMBERS OF COLLEGES AND UNIVERSITIES IN THE UNITED STATES.

ATTACHMENT 4FORM 990, PART VI, LINE 17 - STATES

AL, AR, CA,

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,

ATTACHMENT 5990, PART VII- COMPENSATION OF THE FIVE HIGHEST PAID IND. CONTRACTORS

<u>NAME AND ADDRESS</u>	<u>DESCRIPTION OF SERVICES</u>	<u>COMPENSATION</u>
G2O LLC 2500 CORPORATE EXCHANGE DRIVE, SUITE 300 COLUMBUS, OH 43231	IT CONTRACTING SVCS	6,502,448.
JAICI NAKAI BLDG, 6-25-4 HONKOMAGOMA, BUNKYOKU TOKYO JAPAN 113	ABSTRACTING SERVICES	6,272,134.
SCOPE E KNOWLEDGE CENTER PVT LTD TEMPLE TOWERS, NANADANAM, 672 CHENNAI INDIA 60035	DATABASE SERVICES	5,718,818.
MOLECULAR CONNECTIONS PVT LTD KANDALA MANSIONS #2/2 KARIAPPA ROAD BANGALORE INDIA 560004	ABSTRACTING SERVICES	5,520,406.
ATYPON SYSTEMS INC 5201 GREAT AMERICA PARKWAY SANTA CLARA, CA 95054	IT CONTRACTING SVCS	4,074,214.

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ATTACHMENT 6FORM 990, PART IX - OTHER FEES

<u>DESCRIPTION</u>	(A) <u>TOTAL FEES</u>	(B) <u>PROGRAM SERVICE EXP.</u>	(C) <u>MANAGEMENT AND GENERAL</u>	(D) <u>FUNDRAISING EXPENSES</u>
MARKETING FEES	55,570,962.	55,570,962.	0.	0.
EDITORIAL FEES	33,954,193.	33,954,193.	0.	0.
CONSULTING	26,712,742.	24,405,789.	2,278,982.	27,971.
TEMPORARY FEES	4,349,672.	232,140.	4,072,892.	44,640.
OTHER PROFESSIONAL SERVICES	3,060,874.	3,056,003.	4,497.	374.
WRITERS FEES	648,054.	648,054.	0.	0.
SPEAKER FEES	541,047.	537,547.	3,500.	0.
HONORARIA	298,375.	297,065.	1,310.	0.
ADMINISTRATIVE FEES	135,584.	135,584.	0.	0.
TOTALS	<u>125,271,503.</u>	<u>118,837,337.</u>	<u>6,361,181.</u>	<u>72,985.</u>

SCHEDULE R (Form 990)

Related Organizations and Unrelated Partnerships

OMB No. 1545-0047

2019

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.

Go to www.irs.gov/Form990 for instructions and the latest information.

Department of the Treasury Internal Revenue Service

Name of the organization

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

Table with 6 columns: (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. Rows 1-6 are empty.

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.

Table with 7 columns: (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). Rows 1-7 are empty.

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule R (Form 990) 2019

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	
(1)												
(2)												
(3)												
(4)												
(5)												
(6)												
(7)												

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. 52-1916157 1155 16TH ST, NW WASHINGTON, DC 20036	MARKETING	DC	ACS	C CORP	22,350,314.	8,928,582.	100.0000	X	
(2) ACS GROUP LIFE INSURANCE TRUST 23-7093797 1155 16TH ST, NW WASHINGTON, DC 20036	INSURANCE	DC	ACS	GRANTOR TRUST	13,273,627.	41,711,493.	100.0000	X	
(3)									
(4)									
(5)									
(6)									
(7)									

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		X
b Gift, grant, or capital contribution to related organization(s)		X
c Gift, grant, or capital contribution from related organization(s)	X	
d Loans or loan guarantees to or for related organization(s)		X
e Loans or loan guarantees by related organization(s)		X
f Dividends from related organization(s)		X
g Sale of assets to related organization(s)		X
h Purchase of assets from related organization(s)		X
i Exchange of assets with related organization(s)		X
j Lease of facilities, equipment, or other assets to related organization(s)		X
k Lease of facilities, equipment, or other assets from related organization(s)		X
l Performance of services or membership or fundraising solicitations for related organization(s)	X	
m Performance of services or membership or fundraising solicitations by related organization(s)	X	
n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)	X	
o Sharing of paid employees with related organization(s)	X	
p Reimbursement paid to related organization(s) for expenses		X
q Reimbursement paid by related organization(s) for expenses		X
r Other transfer of cash or property to related organization(s)		X
s Other transfer of cash or property from related organization(s)		X

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	22,303,521.	FMV
(2) ACS GROUP LIFE INSURANCE TRUST	C	1,500,000.	FMV
(3) ACS GROUP LIFE INSURANCE TRUST	L	551,377.	FMV
(4)			
(5)			
(6)			

Part VI **Unrelated Organizations Taxable as a Partnership.** Complete if the organization answered "Yes" on Form 990, Part IV, line 37.

Provide the following information for each entity taxed as a partnership through which the organization conducted more than five percent of its activities (measured by total assets or gross revenue) that was not a related organization. See instructions regarding exclusion for certain investment partnerships.

(a) Name, address, and EIN of entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Predominant income (related, unrelated, excluded from tax under sections 512-514)	(e) Are all partners section 501(c)(3) organizations?		(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		Yes	No	
(1)													
(2)													
(3)													
(4)													
(5)													
(6)													
(7)													
(8)													
(9)													
(10)													
(11)													
(12)													
(13)													
(14)													
(15)													
(16)													

Part VII Supplemental Information

Provide additional information for responses to questions on Schedule R. See instructions.

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.