

Exempt Organization Declaration and Signature for Electronic Filing

For calendar year 2020, or tax year beginning _____, 2020, and ending _____, 20

2020

Department of the Treasury
Internal Revenue Service

For use with Forms 990, 990-EZ, 990-PF, 990-T, 1120-POL, 4720, and 8868

Go to www.irs.gov/Form8453EO for the latest information.

Name of exempt organization or person subject to tax

Taxpayer identification number

AMERICAN CHEMICAL SOCIETY

53-0196572

Part I Type of Return and Return Information (Whole Dollars Only)

Check the box for the type of return being filed with Form 8453-EO and enter the applicable amount, if any, from the return. If you check the box on line 1a, 2a, 3a, 4a, 5a, 6a, or 7a below, and the amount on that line of the return being filed with this form was blank, then leave line 1b, 2b, 3b, 4b, 5b, 6b, or 7b, whichever is applicable, blank (do not enter -0-). If you entered -0- on the return, then enter -0- on the applicable line below. Do not complete more than one line in Part I.

1a Form 990 check here <input checked="" type="checkbox"/>	b Total revenue, if any (Form 990, Part VIII, column (A), line 12)	1b	750,217,209.
2a Form 990-EZ check here <input type="checkbox"/>	b Total revenue, if any (Form 990-EZ, line 9)	2b	
3a Form 1120-POL check here <input type="checkbox"/>	b Total tax (Form 1120-POL, line 22)	3b	
4a Form 990-PF check here <input type="checkbox"/>	b Tax based on investment income (Form 990-PF, Part VI, line 5)	4b	
5a Form 8868 check here <input type="checkbox"/>	b Balance due (Form 8868, line 3c)	5b	
6a Form 990-T check here <input checked="" type="checkbox"/>	b Total tax (Form 990-T, Part III, line 4)	6b	0.
7a Form 4720 check here <input type="checkbox"/>	b Total tax (Form 4720, Part III, line 1)	7b	

Part II Declaration of Officer or Person Subject to Tax

6 I authorize the U.S. Treasury and its designated Financial Agent to initiate an Automated Clearing House (ACH) electronic funds withdrawal (direct debit) entry to the financial institution account indicated in the tax preparation software for payment of the federal taxes owed on this return, and the financial institution to debit the entry to this account. To revoke a payment, I must contact the U.S. Treasury Financial Agent at 1-888-353-4537 no later than 2 business days prior to the payment (settlement) date. I also authorize the financial institutions involved in the processing of the electronic payment of taxes to receive confidential information necessary to answer inquiries and resolve issues related to the payment.

If a copy of this return is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State program, I certify that I executed the electronic disclosure consent contained within this return allowing disclosure by the IRS of this Form 990/990-EZ/990-PF (as specifically identified in Part I above) to the selected state agency(ies).

Under penalties of perjury, I declare that I am an officer of the above named organization or I am the person subject to tax with respect to (name of organization) _____, (EIN) _____,

and that I have examined a copy of the 2020 electronic return and accompanying schedules and statements, and, to the best of my knowledge and belief, they are true, correct, and complete. I further declare that the amount in Part I above is the amount shown on the copy of the electronic return. I consent to allow my intermediate service provider, transmitter, or electronic return originator (ERO) to send the return to the IRS and to receive from the IRS (a) an acknowledgement of receipt or reason for rejection of the transmission, (b) the reason for any delay in processing the return or refund, and (c) the date of any refund.

Sign Here

11/8/2021

Signature of officer or person subject to tax

Date

TREASURER & CFO

Title, if applicable

Part III Declaration of Electronic Return Originator (ERO) and Paid Preparer (see instructions)

I declare that I have reviewed the above return and that the entries on Form 8453-EO are complete and correct to the best of my knowledge. If I am only a collector, I am not responsible for reviewing the return and only declare that this form accurately reflects the data on the return. The organization officer or person subject to tax will have signed this form before I submit the return. I will give a copy of all forms and information to be filed with the IRS to the officer or person subject to tax, and have followed all other requirements in Pub. 4163, Modernized e-File (MeF) Information for Authorized IRS e-file Providers for Business Returns. If I am also the Paid Preparer, under penalties of perjury I declare that I have examined the above return and accompanying schedules and statements, and, to the best of my knowledge and belief, they are true, correct, and complete. This Paid Preparer declaration is based on all information of which I have any knowledge.

ERO's Use Only	ERO's signature	Date	Check if also paid preparer <input type="checkbox"/>	Check if self-employed <input type="checkbox"/>	ERO's SSN or PTIN
	Firm's name (or yours if self-employed), address, and ZIP code				EIN Phone no.

Under penalties of perjury, I declare that I have examined the above return and accompanying schedules and statements, and, to the best of my knowledge and belief, they are true, correct, and complete. Declaration of preparer is based on all information of which the preparer has any knowledge.

Paid Preparer Use Only	Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN
	RAYMOND LY		11/8/2021		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

For Privacy Act and Paperwork Reduction Act Notice, see back of form.

Form **8453-EO** (2020)

Form 990

Return of Organization Exempt From Income Tax

OMB No. 1545-0047

2020

Open to Public Inspection

Department of the Treasury Internal Revenue Service

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.

A For the 2020 calendar year, or tax year beginning, 2020, and ending, 20

Form 990 header section containing organization name (AMERICAN CHEMICAL SOCIETY), EIN (53-0196572), address (1155 SIXTEENTH STREET, N.W., WASHINGTON, DC 20036-4892), principal officer (THOMAS M. CONNELLY, JR.), and other identifying information.

Part I Summary

Summary table with columns for Activities & Governance, Revenue, Expenses, and Net Assets or Fund Balances. Rows include mission statement, membership counts, revenue (Total: 750,217,209), expenses (Total: 571,146,777), and net assets (Total: 1,429,485,034).

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.

Signature block for Albert Horvath, Treasurer & CFO, dated 11/08/2021.

Paid Preparer Use Only section for Raymond Ly, KPMG LLP, dated 11/08/2021.

May the IRS discuss this return with the preparer shown above? (see instructions) [X] Yes

For Paperwork Reduction Act Notice, see the separate instructions.

Form 990 (2020)

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 \$ 442,839,360. including grants of \$) (Revenue \$ 590,169,313.)
ATTACHMENT 1

4b (Code:) (Expenses \$ 46,804,860. including grants of \$ 4,630,578.) (Revenue \$ 4,818,017.)
ATTACHMENT 2

4c (Code:) (Expenses \$ 3,765,464. including grants of \$ 1,744,081.) (Revenue \$)
ATTACHMENT 3

4d Other program services (Describe on Schedule O.)
(Expenses \$ 13,295,592. including grants of \$) (Revenue \$ 7,243,826.)

4e Total program service expenses ▶ 506,705,276.

Part IV Checklist of Required Schedules

Table with 3 columns: Question number, Yes, No. Rows 1-21 with various questions regarding 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 5
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				1,145,711.	0.	62,393.
(2) DR. THOMAS M. CONNELLY, JR. EXECUTIVE DIRECTOR & CEO	40.00 .50	X		X					1,088,200.	0.	63,118.
(3) DR. JAMES MILNE PRESIDENT, ACS PUBS	40.00 0.				X				0.	643,408.	45,892.
(4) MR. BOLLAMPALLI RAO CTO VP INFO TECH, CAS	40.00 1.50					X			558,035.	0.	66,635.
(5) MR. JOHN R. SULLIVAN CHIEF INFORMATION OFFICER	40.00 0.				X				533,507.	0.	61,507.
(6) MR. ALBERT HORVATH TREASURER & CFO	40.00 1.00			X					541,504.	0.	50,125.
(7) MR. FLINT H. LEWIS SECRETARY & GENERAL COUNSEL	40.00 6.00			X					510,178.	0.	51,754.
(8) MR. CRAIG STEPHENS SVP, SALES & MARKETING, CAS	40.00 3.00					X			486,102.	0.	62,177.
(9) DR. MICHAEL DENNIS VP, LEGAL ADM, PMO & INNVTN, CAS	40.00 1.00					X			477,181.	0.	59,842.
(10) MR. BRANDON NORDIN SVP SALES, MKTG DGT STGY, PUBS	40.00 2.00					X			454,617.	0.	52,303.
(11) MR. ERIC R. KIMBALL VP FINANCE, CAS	40.00 .50					X			474,991.	0.	28,129.
(12) DR. JOHN E. ADAMS CHAIR & DIRECTOR, DISTRICT V	20.00 0.	X		X					0.	0.	0.
(13) DR. LUIS A. ECHEGOYEN PRESIDENT	20.00 0.	X		X					0.	0.	0.
(14) DR. H. N. CHENG PRESIDENT-ELECT	10.00 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 ----- IMMEDIATE PAST PRESIDENT	10.00 ----- 0.	X		X				0.	0.	0.
16) DR. KATHERINE L. LEE ----- DIRECTOR, DISTRICT I	10.00 ----- 0.	X						0.	0.	0.
17) DR. CHRISTINA BODUROW ----- DIRECTOR, DISTRICT II	10.00 ----- 0.	X						0.	0.	0.
18) DR. TERI QUINN GRAY ----- DIRECTOR, DISTRICT III	10.00 ----- 0.	X						0.	0.	0.
19) MS. LISA HOUSTON ----- DIRECTOR, DISTRICT IV	10.00 ----- 0.	X						0.	0.	0.
20) DR. PAUL W. JAGODZINSKI ----- DIRECTOR, DISTRICT VI	10.00 ----- 0.	X						0.	0.	0.
21) DR. BRYAN BALAZS ----- DIRECTOR-AT-LARGE	10.00 ----- 0.	X						0.	0.	0.
22) DR. WAYNE E. JONES, JR. ----- DIRECTOR-AT-LARGE	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								6,270,026.	643,408.	603,875.
c Total from continuation sheets to Part VII, Section A								0.	0.	0.
d Total (add lines 1b and 1c)								6,270,026.	643,408.	603,875.

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 ► 906

	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 6		

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 ► 178

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

Table with 6 main columns: (A) Name and title, (B) Average hours per week, (C) Position, (D) Reportable compensation from the organization, (E) Reportable compensation from related organizations, (F) Estimated amount of other compensation. Includes entry for DR. BARBARA SAWREY, DIRECTOR-AT-LARGE.

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 906

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

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.

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	522,602.				
	f	All other contributions, gifts, grants, and similar amounts not included above .	1f	6,384,768.				
	g	Noncash contributions included in lines 1a-1f.	1g	\$ 46,649.				
	h	Total. Add lines 1a-1f			6,907,370.			
	Program Service Revenue	2a	INFORMATION SERVICES	Business Code	541800	590,169,313.	582,779,241.	7,390,072.
b		EDUCATION & MEMBERSHIP	Business Code	541800	4,818,017.	3,352,297.	65,304.	
c		MEMBER INSURANCE PROGRAM	Business Code	525920	7,088,691.		7,088,691.	
d								
e								
f		All other program service revenue						
g		Total. Add lines 2a-2f			602,076,021.			
Other Revenue		3	Investment income (including dividends, interest, and other similar amounts).			27,444,759.		27,444,759.
	4	Income from investment of tax-exempt bond proceeds .			0.			
	5	Royalties			2,634,672.		2,634,672.	
	6a	Gross rents	6a	(i) Real	21,342.			
				(ii) Personal	0.			
	b	Less: rental expenses	6b		22,965.		0.	
	c	Rental income or (loss)	6c		-1,623.			
	d	Net rental income or (loss)			-1,623.	-1,623.		
	7a	Gross amount from sales of assets other than inventory	7a	(i) Securities	1,032,611,837.			
				(ii) Other				
	b	Less: cost or other basis and sales expenses . .	7b		921,612,586.			
	c	Gain or (loss)	7c		110,999,251.			
d	Net gain or (loss)			110,999,251.		110,999,251.		
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	156,759.	156,759.		
	b							
	c							
	d	All other revenue						
	e	Total. Add lines 11a-11d			156,759.			
12	Total revenue. See instructions			750,217,209.	586,286,674.	14,544,067.	142,479,098.	

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	96,386,678.	1	74,364,674.
	2 Savings and temporary cash investments	7,292,652.	2	52,525.
	3 Pledges and grants receivable, net	1,826,123.	3	4,188,256.
	4 Accounts receivable, net.	42,840,602.	4	46,158,062.
	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	165,244.	8	84,218.
	9 Prepaid expenses and deferred charges	13,874,678.	9	43,447,322.
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 430,710,665.		
	b Less: accumulated depreciation	10b 297,450,418.	132,058,022.	10c 133,260,247.
	11 Investments - publicly traded securities	1,123,931,149.	11	1,349,108,988.
	12 Investments - other securities. See Part IV, line 11	93,113,987.	12	137,658,244.
	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	12,189,662.	15	14,013,253.
16 Total assets. Add lines 1 through 15 (must equal line 33)	1,523,678,797.	16	1,802,335,789.	
Liabilities	17 Accounts payable and accrued expenses	66,548,611.	17	83,984,947.
	18 Grants payable	17,617,646.	18	3,703,659.
	19 Deferred revenue	145,616,789.	19	148,196,630.
	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	60,337,367.
	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	117,527,738.	25	76,628,152.
	26 Total liabilities. Add lines 17 through 25.	347,310,784.	26	372,850,755.
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	444,606,181.	27	586,953,321.
	28 Net assets with donor restrictions	731,761,832.	28	842,531,713.
	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	1,176,368,013.	32	1,429,485,034.	
33 Total liabilities and net assets/fund balances	1,523,678,797.	33	1,802,335,789.	

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	750,217,209.
2	Total expenses (must equal Part IX, column (A), line 25)	2	571,146,777.
3	Revenue less expenses. Subtract line 2 from line 1	3	179,070,432.
4	Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A))	4	1,176,368,013.
5	Net unrealized gains (losses) on investments	5	59,959,422.
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	14,087,167.
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 32, column (B))	10	1,429,485,034.

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** (2020)

SCHEDULE A
(Form 990 or 990-EZ)

Public Charity Status and Public Support

OMB No. 1545-0047

2020

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						

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

Schedule A (Form 990 or 990-EZ) 2020

JSA
0E1210 0.030

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) 2016, (b) 2017, (c) 2018, (d) 2019, (e) 2020, (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) 2016, (b) 2017, (c) 2018, (d) 2019, (e) 2020, (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; 11 Total support. Add lines 7 through 10; 12 Gross receipts from related activities; 13 First 5 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 3 columns: Line number, Description, and Percentage. Rows include: 14 Public support percentage for 2020; 15 Public support percentage from 2019 Schedule A, Part II, line 14; 16a 33 1/3% support test - 2020; 16b 33 1/3% support test - 2019; 17a 10%-facts-and-circumstances test - 2020; 17b 10%-facts-and-circumstances test - 2019; 18 Private foundation.

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) 2016	(b) 2017	(c) 2018	(d) 2019	(e) 2020	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	3,590,485.	4,697,411.	3,878,073.	4,185,288.	6,907,370.	23,258,627.
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	488,139,832.	512,273,329.	545,383,859.	567,464,676.	587,531,954.	2,700,793,650.
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.	491,730,317.	516,970,740.	549,261,932.	571,649,964.	594,439,324.	2,724,052,277.
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.)						2,724,052,277.

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2016	(b) 2017	(c) 2018	(d) 2019	(e) 2020	(f) Total
9 Amounts from line 6.	491,730,317.	516,970,740.	549,261,932.	571,649,964.	594,439,324.	2,724,052,277.
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources	22,555,034.	23,941,294.	29,557,100.	32,011,647.	30,100,773.	138,165,848.
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						0.
c Add lines 10a and 10b	22,555,034.	23,941,294.	29,557,100.	32,011,647.	30,100,773.	138,165,848.
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.)	11,134.	53,258.	268,811.	248,307.	156,759.	738,269.
13 Total support. (Add lines 9, 10c, 11, and 12.)	514,296,485.	540,965,292.	579,087,843.	603,909,918.	624,696,856.	2,862,956,394.
14 First 5 years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

15 Public support percentage for 2020 (line 8, column (f), divided by line 13, column (f))	15	95.15%
16 Public support percentage from 2019 Schedule A, Part III, line 15	16	95.12%

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2020 (line 10c, column (f), divided by line 13, column (f)),	17	4.83%
18 Investment income percentage from 2019 Schedule A, Part III, line 17	18	4.86%

- 19a 33 1/3% support tests - 2020.** 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 - 2019.** 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 box 12a, Part I, complete Sections A and B. If you checked box 12b, Part I, complete Sections A and C. If you checked box 12c, Part I, complete Sections A, D, and E. If you checked box 12d, 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 lines 3b and 3c 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 box 12a or 12b in Part I, answer lines 4b and 4c 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 lines 5b and 5c 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 line 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 lines 11b and 11c below, the governing body of a supported organization?		
b A family member of a person described in line 11a above?		
c A 35% controlled entity of a person described in line 11a or 11b above? <i>If "Yes" to line 11a, 11b, or 11c, provide detail in Part VI.</i>		

Section B. Type I Supporting Organizations

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

Section C. Type II Supporting Organizations

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

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?		
2 Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization(s) or (ii) serving on the governing body of a supported organization? <i>If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).</i>		
3 By reason of the relationship described in line 2, above, did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? <i>If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.</i>		

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 governmental entity (see instructions).			
2 Activities Test. Answer lines 2a and 2b 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? <i>If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.</i>			
b Did the activities described in line 2a, above, constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? <i>If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.</i>			
3 Parent of Supported Organizations. Answer lines 3a and 3b below.			
a Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? <i>If "Yes" or "No," provide details in Part VI.</i>			
b Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each of its supported organizations? <i>If "Yes," describe in Part VI the role played by the organization in this regard.</i>			

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 (<i>explain in detail in Part VI</i>):	1e	
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 0.015 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 0.035.	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 0.85 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	1
2	Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	2
3	Administrative expenses paid to accomplish exempt purposes of supported organizations	3
4	Amounts paid to acquire exempt-use assets	4
5	Qualified set-aside amounts (prior IRS approval required - <i>provide details in Part VI</i>)	5
6	Other distributions (<i>describe in Part VI</i>). See instructions.	6
7	Total annual distributions. Add lines 1 through 6.	7
8	Distributions to attentive supported organizations to which the organization is responsive (<i>provide details in Part VI</i>). See instructions.	8
9	Distributable amount for 2020 from Section C, line 6	9
10	Line 8 amount divided by line 9 amount	10

Section E - Distribution Allocations (see instructions)		(i) Excess Distributions	(ii) Underdistributions Pre-2020	(iii) Distributable Amount for 2020
1	Distributable amount for 2020 from Section C, line 6			
2	Underdistributions, if any, for years prior to 2020 (reasonable cause required - <i>explain in Part VI</i>). See instructions.			
3	Excess distributions carryover, if any, to 2020			
a	From 2015			
b	From 2016			
c	From 2017			
d	From 2018			
e	From 2019			
f	Total of lines 3a through 3e			
g	Applied to underdistributions of prior years			
h	Applied to 2020 distributable amount			
i	Carryover from 2015 not applied (see instructions)			
j	Remainder. Subtract lines 3g, 3h, and 3i from line 3f.			
4	Distributions for 2020 from Section D, line 7: \$			
a	Applied to underdistributions of prior years			
b	Applied to 2020 distributable amount			
c	Remainder. Subtract lines 4a and 4b from line 4.			
5	Remaining underdistributions for years prior to 2020, if any. Subtract lines 3g and 4a from line 2. For result greater than zero, <i>explain in Part VI</i> . See instructions.			
6	Remaining underdistributions for 2020. Subtract lines 3h and 4b from line 1. For result greater than zero, <i>explain in Part VI</i> . See instructions.			
7	Excess distributions carryover to 2021. Add lines 3j and 4c.			
8	Breakdown of line 7:			
a	Excess from 2016			
b	Excess from 2017			
c	Excess from 2018			
d	Excess from 2019			
e	Excess from 2020			

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 TEMPORARY AGENCY REBATES AND CONSULTING SERVICES.

SCHEDULE C
(Form 990 or 990-EZ)

Political Campaign and Lobbying Activities

OMB No. 1545-0047

2020

Open to Public Inspection

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

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

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

Department of the Treasury
Internal Revenue Service

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) 2020

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)		273,420.													
c Total lobbying expenditures (add lines 1a and 1b)		273,420.													
d Other exempt purpose expenditures		563,865,382.													
e Total exempt purpose expenditures (add lines 1c and 1d)		564,138,802.													
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) 2017	(b) 2018	(c) 2019	(d) 2020	(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	355,929.	366,917.	214,035.	273,420.	1,210,301.
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

2020

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 3 columns: Line number, Description, (a) Donor advised funds, (b) Funds and other accounts. Includes rows for total number at end of year, aggregate values, and yes/no questions about donor advisement.

Part II Conservation Easements.

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

Table with 3 columns: Line number, Description, and Held at the End of the Tax Year. Includes rows for purpose of easements, total number, acreage, and monitoring expenses.

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 3 columns: Line number, Description, and Amount. Includes rows for art collections, revenue included, and assets included.

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

Schedule D (Form 990) 2020

JSA OE1268 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 columns: Amount, 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 include: 1a Beginning of year balance, b Contributions, c Net investment earnings, gains, and losses, d Grants or scholarships, e Other expenditures for facilities and programs, f Administrative expenses, g 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 39.00%
b Permanent endowment 18.0900%
c Term endowment 81.5200%

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 include: 1a Land, b Buildings, c Leasehold improvements, d Equipment, e Other, Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10c.)

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	7,829,244.	ATTACHMENT 1
(3) Other		
(A) HEDGE FUNDS	75,388,000.	FMV
(B) PRIVATE REAL ESTATE	54,441,000.	FMV
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 12.) . ▶	137,658,244.	

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) ACCRUED RETIREE MEDICAL BENEFITS	48,733,259.
(3) 457(B) LIABILITY	13,691,471.
(4) DEFERRED SOCIAL SECURITY TAXES	7,925,882.
(5) ASSET RETIREMENT OBLIGATION	4,616,159.
(6) ACCRUED POST EMPLOYMENT BENEFITS	1,596,108.
(7) ACCRUED GIFT ANNUITY LIABILITY	58,454.
(8) GIFT CARD PAYABLE	6,819.
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 25.) ▶	76,628,152.

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.

Table with 5 main rows and sub-rows (a-e) for adjustments. Columns include descriptions, sub-headers (2a-2d, 4a-4b), and totals (2e, 3, 4c, 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.

Table with 5 main rows and sub-rows (a-e) for adjustments. Columns include descriptions, sub-headers (2a-2d, 4a-4b), and totals (2e, 3, 4c, 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

Multiple horizontal lines provided for entering supplemental information.

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 \$23,000,000 WAS AWARDED IN 2020 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. AS OF DECEMBER 31, 2020, THE SOCIETY HAD PRE-2018 OPERATING LOSS CARRYFORWARD FOR INCOME TAX PURPOSES OF APPROXIMATELY \$17,795,477, WHICH EXPIRES OVER THE YEARS 2021 THROUGH 2037 AND POST-2018 NET OPERATING LOSS OF \$9,893,971, WHICH CAN BE CARRIED FORWARD INDEFINITELY. A DEFERRED TAX ASSET HAS NOT BEEN RECORDED FOR THE NET OPERATING LOSS BECAUSE THE SOCIETY HAS DETERMINED THE LOSSES ARE NOT RECOVERABLE AS OF DECEMBER 31, 2020.

MANAGEMENT ANNUALLY REVIEWS ITS TAX POSITIONS AND HAS DETERMINED THAT THERE ARE NO MATERIAL UNCERTAIN TAX POSITIONS THAT REQUIRE RECOGNITION IN

Part XIII Supplemental Information (continued)

THE CONSOLIDATED FINANCIAL STATEMENTS.

THE SOCIETY IS SUBJECT TO TAXATION IN SEVERAL JURISDICTIONS AND IS CURRENTLY UNDER AUDIT FOR THE 2014-2020 TAX YEARS IN A FOREIGN TERRITORY, AS A MATTER OF CONDUCTING ORDINARY BUSINESS ACTIVITIES IN THE COUNTRY. THE FOREIGN TAX AUTHORITY HAS CHALLENGED THE SOCIETY'S POSITION ON ITS TAX FILING. THE SOCIETY HAS APPEALED THE TAX RULINGS. DUE TO THE UNCERTAINTY ASSOCIATED WITH THE TAX APPEALS, THE SOCIETY HAS NOT RECORDED A PROVISION IN THE CONSOLIDATED FINANCIAL STATEMENTS. IT IS POSSIBLE THAT AT SOME FUTURE DATE, LIABILITIES RESULTING FROM THE AUDITS COULD BE INCURRED. MANAGEMENT INTENDS TO PURSUE ALL ADMINISTRATIVE AND JUDICIAL REMEDIES NECESSARY TO RESOLVE THE MATTER. BASED ON CURRENT LEGISLATION, AND AFTER CONSULTATION WITH OUTSIDE TAX ADVISORS, MANAGEMENT BELIEVES THE ULTIMATE RESOLUTION OF THE AUDITS WILL NOT HAVE A MATERIAL ADVERSE IMPACT ON THE SOCIETY'S FINANCIAL CONDITION TAKEN AS A WHOLE.

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	7,829,244.	COST
TOTALS	<u>7,829,244.</u>	

**SCHEDULE F
(Form 990)**

Statement of Activities Outside the United States

OMB No. 1545-0047

2020

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	94,476.
(2) EAST ASIA AND THE PACIFIC	0.	206.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	17,130,011.
(3) EUROPE	0.	235.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	14,144,504.
(4) MIDDLE EAST AND NORTH AFRICA	0.	10.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	690,776.
(5) NORTH AMERICA	0.	52.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	1,792,630.
(6) SOUTH AMERICA	0.	19.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	226,129.
(7) SOUTH ASIA	0.	41.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	24,258,516.
(8) SUB-SAHARAN AFRICA	0.	2.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	29,200.
(9) CENTRAL AMERICA/CARIBBEAN	0.	0.	GRANTMAKING		9,875.
(10) EAST ASIA AND THE PACIFIC	0.	0.	GRANTMAKING		84,995.
(11) EUROPE	0.	0.	GRANTMAKING		65,520.
(12) MIDDLE EAST AND NORTH AFRICA	0.	0.	GRANTMAKING		11,000.
(13) NORTH AMERICA	0.	0.	GRANTMAKING		9,925.
(14) RUSSIA/INDEPENDENT STATES	0.	0.	GRANTMAKING		5,000.
(15) SOUTH AMERICA	0.	0.	GRANTMAKING		23,122.
(16) SOUTH ASIA	0.	0.	GRANTMAKING		13,550.
(17) SUB-SAHARAN AFRICA	0.	0.	GRANTMAKING		24,092.
3a Subtotal		567.			58,613,321.
b Total from continuation sheets to Part I					
c Totals (add lines 3a and 3b)		567.			58,613,321.

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

Schedule F (Form 990) 2020

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	18,233.	CHECK		N/A	N/A
(2)			EAST ASIA/PACIFIC	GENERAL SUPP	23,566.	CHECK		N/A	N/A
(3)			SUB-SAHARAN AFRICA	GENERAL SUPP	6,130.	CHECK		N/A	N/A
(4)			EAST ASIA/PACIFIC	GENERAL SUPP	6,000.	CHECK		N/A	N/A
(5)			EAST ASIA/PACIFIC	GENERAL SUPP	8,100.	CHECK		N/A	N/A
(6)			SOUTH AMERICA	GENERAL SUPP	6,572.	CHECK		N/A	N/A
(7)									
(8)									
(9)									
(10)									
(11)									
(12)									
(13)									
(14)									
(15)									
(16)									

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

3 Enter total number of other organizations or entities . . . **4.**

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	3.	9,875.	CHECK		N/A	N/A
(2) AWARDS	EAST ASIA/PACIFIC	13.	29,096.	CHECK		N/A	N/A
(3) AWARDS	EUROPE/ICELAND/GREENLAND	23.	65,520.	CHECK		N/A	N/A
(4) AWARDS	MIDDLE EAST/NORTH AFRICA	5.	11,000.	CHECK		N/A	N/A
(5) AWARDS	NORTH AMERICA	4.	9,925.	CHECK		N/A	N/A
(6) AWARDS	RUSSIA/NEWLY IND. STATES	1.	5,000.	CHECK		N/A	N/A
(7) AWARDS	SOUTH AMERICA	6.	16,550.	CHECK		N/A	N/A
(8) AWARDS	SOUTH ASIA	5.	13,550.	CHECK		N/A	N/A
(9) AWARDS	SUB-SAHARAN AFRICA	11.	17,962.	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**
Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

OMB No. 1545-0047

2020

**Open to Public
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Department of the Treasury
Internal Revenue Service

▶ 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
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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 UTAH 201 S. PRESIDENT'S CIR. SLC, UT 84112-9020	87-6000525	501(C)(3)	139,659.		N/A	N/A	GENERAL SUPPORT
(2) BOARD OF REGENTS UNIV OF WISCONSIN 1220 LINDEN DR MADISON, WI 53706	39-6006492	501(C)(3)	124,551.		N/A	N/A	GENERAL SUPPORT
(3) FLINN SCIENTIFIC PO BOX 71721 CHICAGO, IL 60694-1721	31-1618963	IL STATE	92,546.		N/A	N/A	GENERAL SUPPORT
(4) INDIANA UNIVERSITY OFFICE OF RSRCH ADMIN DETROIT, MI 48278	35-6001673	501(C)(3)	85,404.		N/A	N/A	GENERAL SUPPORT
(5) MICHIGAN STATE UNIVERSITY 426 AUDITORIUM RD. E.LANSING, MI 48824-1046	38-6005984	501(C)(3)	68,557.		N/A	N/A	GENERAL SUPPORT
(6) CURATORS OF THE UNIVERSITY OF MISSOURI 316 UNIVERSITY HALL COLUMBIA, MO 65211-1230	43-6003859	501(C)(3)	67,551.		N/A	N/A	GENERAL SUPPORT
(7) CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E CALIFORNIA BLVD PASADENA, CA 91125	95-1643307	501(C)(3)	62,416.		N/A	N/A	GENERAL SUPPORT
(8) THE OHIO STATE UNIVERSITY 281 W LANE AVE COLUMBUS, OH 43210-1016	31-6025986	501(C)(3)	61,244.		N/A	N/A	GENERAL SUPPORT
(9) TRUSTEES OF THE UNIV OF PENNSYLVANIA 801 SPRUCE ST PHILADELPHIA, PA 19107	23-1352685	501(C)(3)	56,511.		N/A	N/A	GENERAL SUPPORT
(10) UNIVERSITY OF ILLINOIS FOUNDATION 600 S MATHEWS, MC-712 URBANA, IL 61801	37-6006007	501(C)(3)	55,953.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF CONNECTICUT 438 WHITNEY ROAD STORRS, CT 06269-1133	06-0772160	CT STATE	55,012.		N/A	N/A	GENERAL SUPPORT
(12) UNIVERSITY OF PITTSBURGH LOCK BOX 371220 PITTSBURGH, PA 15251-7220	25-0965591	501(C)(3)	54,699.		N/A	N/A	GENERAL SUPPORT

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

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Schedule I (Form 990) 2020

**SCHEDULE I
(Form 990)**

**Grants and Other Assistance to Organizations,
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Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
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(1) UNIVERSITY OF FLORIDA FIN. & ACCT. GAINESVILLE, FL 32611	59-6002052	501(C)(3)	53,503.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF MARYLAND STDT. FIN. AID COLLEGE PARK, MD 20742	52-1076158	501(C)(3)	51,700.		N/A	N/A	GENERAL SUPPORT
(3) KANSAS STATE UNIVERSITY 10 ANDERSON HALL MANHATTAN, KS 66506	48-0771751	KS STATE	49,771.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF TEXAS AT AUSTIN P.O. BOX 7159 AUSTIN, TX 78713-7159	74-6000203	TX STATE	49,126.		N/A	N/A	GENERAL SUPPORT
(5) UNIVERSITY OF OKLAHOMA 201 STEPHENSON PKWY. NORMAN, OK 73019	73-1377584	OK STATE	49,066.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF ARKANSAS 1125 W. MAPLE FAYETTEVILLE, AR 72701-1201	71-6003252	AR STATE	46,875.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 104 AIRPORT DR. CHAPEL HILL, NC 27599-1350	56-6001393	NC STATE	45,808.		N/A	N/A	GENERAL SUPPORT
(8) OREGON STATE UNIVERSITY A312 KERR ADMIN BLDG. CORVALLIS, OR 97331	61-1730890	OR STATE	44,250.		N/A	N/A	GENERAL SUPPORT
(9) TRUSTEES OF COLUMBIA UNIVERITY 535 W 116TH ST NEW YORK, NY 10027	13-5598093	501(C)(3)	42,450.		N/A	N/A	GENERAL SUPPORT
(10) WEST VIRGINIA UNIVERSITY FOUNDATION INC PO BOX 1650 MORGANTOWN, WV 26507	55-6017181	501(C)(3)	42,450.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF DELAWARE 116 STUDENT SVCS. BLDG. NEWARK, DE 19716	51-6000297	501(C)(3)	40,404.		N/A	N/A	GENERAL SUPPORT
(12) COLORADO STATE UNIVERSITY FOUNDATION 410 UNIV. SVCS. CTR. FT. COLLINS, CO 80523	23-7098397	501(C)(3)	40,000.		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) 2020

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(1) IOWA STATE UNIVERSITY FOUNDATION 2505 UNIVERSITY BLVD AMES, IA 50010	42-1143702	501(C)(3)	40,000.		N/A	N/A	GENERAL SUPPORT
(2) LSU FOUNDATION 3976 NICHOLSON DR BATON ROUGE, LA 70802	72-6020969	501(C)(3)	40,000.		N/A	N/A	GENERAL SUPPORT
(3) NORTH DAKOTA STATE UNIVERSITY FOUNDATION 1241 UNIVERSITY DR N BROOKINGS, ND 57007	23-7120898	501(C)(3)	40,000.		N/A	N/A	GENERAL SUPPORT
(4) PURDUE RESEARCH FOUNDATION 610 PURDUE MALL WEST LAFAYETTE, IN 47907	35-1052049	501(C)(3)	40,000.		N/A	N/A	GENERAL SUPPORT
(5) TEXAS A&M FOUNDATION 401 GEORGE BUSH DR COLL. STATION, TX 77840	74-2245072	501(C)(3)	40,000.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF NORTHERN COLORADO 501 20TH ST GREELEY, CO 80639	84-6000546	CO STATE	40,000.		N/A	N/A	GENERAL SUPPORT
(7) WESTERN WASHINGTON UNIVERSITY 516 HIGH STREET BELLINGHAM, WA 98225-9038	91-6000562	WA STATE	39,952.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF ROCHESTER 910 GENESEE ST ROCHESTER, NY 14611	16-0743209	501(C)(3)	39,230.		N/A	N/A	GENERAL SUPPORT
(9) UNIVERSITY OF OREGON BOX 3237 EUGENE, OR 97403-3237	46-4727800	OR STATE	38,725.		N/A	N/A	GENERAL SUPPORT
(10) UNIVERSITY OF CHICAGO 6054 S. DREXEL CHICAGO, IL 60637	36-2177139	501(C)(3)	38,717.		N/A	N/A	GENERAL SUPPORT
(11) THE PENNSYLVANIA STATE UNIVERSITY 227 W. BEAVER AVE. STATE COLLEGE, PA 16801	24-6000376	PA STATE	37,302.		N/A	N/A	GENERAL SUPPORT
(12) NEW YORK UNIVERSITY P.O. BOX 5166 NEW YORK, NY 10087	13-5562308	501(C)(3)	36,466.		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) 2020

**SCHEDULE I
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Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
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Part I General Information on Grants and Assistance

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(1) UNIVERSITY OF VIRGINIA P.O. BOX 400195, CHARLOTTESVILLE, VA 22904	54-6001796	501(C)(3)	36,466.		N/A	N/A	GENERAL SUPPORT
(2) GEORGE WASHINGTON UNIVERSITY 2121 I ST NW WASHINGTON, DC 20052	53-0196584	501(C)(3)	36,181.		N/A	N/A	GENERAL SUPPORT
(3) TEXAS A&M UNIVERSITY - FED DMSTRN PRNTS SCHLR OFFICE COLLEGE STATION, TX 77842	74-6000089	TX STATE	35,950.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF ALABAMA 318 ROSE ADMIN BLDG. TUSCALOOSA, AL 35487	63-6001138	501(C)(3)	35,704.		N/A	N/A	GENERAL SUPPORT
(5) REGENTS OF THE UNIV OF CA - BERKELEY 1995 UNIVERSITY AVE BERKELEY, CA 94704	93-6002123	CA STATE	32,750.		N/A	N/A	GENERAL SUPPORT
(6) CORNELL UNIVERSITY P.O. BOX 22 ITHACA, NY 14850	15-0532082	501(C)(3)	31,829.		N/A	N/A	GENERAL SUPPORT
(7) BAYLOR UNIVERSITY 1311 S 5TH ST WACO, TX 76706	74-1159753	501(C)(3)	31,687.		N/A	N/A	GENERAL SUPPORT
(8) MASSACHUSETTS INST OF TECH STUDENT FIN. SVCS. CAMBRIDGE, MA 02139-4307	04-2103594	CT STATE	31,313.		N/A	N/A	GENERAL SUPPORT
(9) BOARD OF REGENTS OF THE UNIV SYST OF GA OFF. OF SCHLR AND FIN AID ATLANTA, GA 30332	58-6002023	501(C)(3)	30,763.		N/A	N/A	GENERAL SUPPORT
(10) UNIVERSITY OF HOUSTON P.O. BOX 988 HOUSTON, TX 77001-0988	74-6001399	TX STATE	30,323.		N/A	N/A	GENERAL SUPPORT
(11) TRUSTEES OF PRINCETON UNIVERSITY 701 CARNEGIE CTR. PRINCETON, NJ 08540	21-0634501	501(C)(3)	30,181.		N/A	N/A	GENERAL SUPPORT
(12) MONTANA STATE UNIVERSITY FOUNDATION 1501 SOUTH 11TH AVE BOZEMAN, MT 59715	81-6001649	501(C)(3)	30,000.		N/A	N/A	GENERAL SUPPORT

- Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ▶ _____
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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) THE UNIVERSITY OF MISSISSIPPI P.O. BOX 1848 UNIVERSITY, MS 38677-1848	64-6001159	MS STATE	29,982.		N/A	N/A	GENERAL SUPPORT
(2) JOHNS HOPKINS UNIVERSITY STUDENT FIN. SVCS. BALTIMORE, MD 21218	52-0595110	501(C)(3)	29,915.		N/A	N/A	GENERAL SUPPORT
(3) SYRACUSE UNIVERSITY CONTRACT ACCOUNTING SYRACUSE, NY 13244	15-0532081	501(C)(3)	29,752.		N/A	N/A	GENERAL SUPPORT
(4) RICE UNIVERSITY P.O. BOX 1892 HOUSTON, TX 77251-1892	74-1109620	501(C)(3)	29,638.		N/A	N/A	GENERAL SUPPORT
(5) RESEARCH FDN FOR THE STATE UNIVERSITY OF NY P.O. BOX 9 ALBANY, NY 12201-0009	14-1368361	501(C)(3)	29,430.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF SOUTH FLORIDA P.O. BOX 8646568 ORLANDO, FL 32886-4568	59-3102112	FL STATE	29,125.		N/A	N/A	GENERAL SUPPORT
(7) REGENTS OF THE UNIV OF CALIFORNIA - LA 11000 KINROSS AVE LOS ANGELES, CA 90095	95-6006143	501(C)(3)	29,000.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF IOWA B5 JESSUP HALL IOWA CITY, IA 52242	42-6004813	IA STATE	28,746.		N/A	N/A	GENERAL SUPPORT
(9) VIRGINIA POLYTECHNIC INSTITUTE N. END CTR., STE 4100 BLACKSBURG, VA 24061	54-6001805	VA STATE	28,733.		N/A	N/A	GENERAL SUPPORT
(10) STANFORD UNIVERSITY P.O. BOX 44253 SAN FRANCISCO, CA 94144-4253	94-1156365	501(C)(3)	28,250.		N/A	N/A	GENERAL SUPPORT
(11) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA BIOSCI III, STE 1400 IRVINE, CA 92697	95-2226406	501(C)(3)	27,575.		N/A	N/A	GENERAL SUPPORT
(12) AUBURN UNIVERSITY OFFICE OF UNIV SCHLR. AUBURN, AL 36849	63-6000724	AL STATE	27,532.		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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(1) NORTH CAROLINA A & T STATE UNIVERSITY 1601 E MARKET ST GREENSBORO, NC 27411	56-6000007	NC STATE	27,375.		N/A	N/A	GENERAL SUPPORT
(2) CLEMSON UNIVERSITY 105 SIKES HALL CLEMSON, SC 29634	57-6000254	501(C)(3)	26,250.		N/A	N/A	GENERAL SUPPORT
(3) OKLAHOMA STATE UNIVERSITY FINANCIAL ADMIN. STILLWATER, OK 74078	73-1383996	OK STATE	25,509.		N/A	N/A	GENERAL SUPPORT
(4) COLUMBUS COUNCIL ON WORLD AFFAIRS 51 JEFFERSON AVE COLUMBUS, OH 43215	51-0180760	501(C)(3)	25,000.		N/A	N/A	GENERAL SUPPORT
(5) MARSHALL UNIVERSITY RESEARCH CORP 1676 THIRD AVE HUNTINGTON, WV 25703	55-0683361	501(C)(3)	25,000.		N/A	N/A	GENERAL SUPPORT
(6) PURDUE UNIVERSITY 23510 NETWORK PLACE CHICAGO, IL 60673-1235	35-6002041	501(C)(3)	24,831.		N/A	N/A	GENERAL SUPPORT
(7) VIRGINIA COMMONWEALTH UNIV P.O. BOX 843039 RICHMOND, VA 23284-3039	54-6001758	VA STATE	24,633.		N/A	N/A	GENERAL SUPPORT
(8) WASHINGTON STATE UNIVERSITY SPONSORED PRJ. FIN. PULLMAN, WA 99164	91-6001108	501(C)(3)	24,375.		N/A	N/A	GENERAL SUPPORT
(9) COLORADO SCHOOL OF MINES 1500 ILLINOIS ST GOLDEN, CO 80401	84-6000551	CO STATE	24,194.		N/A	N/A	GENERAL SUPPORT
(10) BD. OF TRUSTEE, SOUTHERN ILLINOIS UNIVERSITY 1400 DOUGLAS DRIVE CARBONDALE, IL 62901	37-6005961	501(C)(3)	23,078.		N/A	N/A	GENERAL SUPPORT
(11) COLORADO STATE UNIVERSITY 2545 RESEARCH BLVD FORT COLLINS, CO 80526	84-6000545	CO STATE	22,983.		N/A	N/A	GENERAL SUPPORT
(12) FLORIDA STATE UNIVERSITY 3012 WESTCOTT NORTH TALLAHASSEE, FL 32306	59-1961248	501(C)(3)	22,904.		N/A	N/A	GENERAL SUPPORT

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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) ALABAMA A & M UNIVERSITY 105 PATTON BUILDING NORMAL, AL 35762	23-7067600	AL STATE	22,500.		N/A	N/A	GENERAL SUPPORT
(2) UNIV OF CALIFORNIA BERKELEY FIN AID & SCHLR OFF. BERKELEY, CA 94720	94-6002123	501(C)(3)	22,500.		N/A	N/A	GENERAL SUPPORT
(3) UNIVERSITY OF TENNESSEE FOUNDATION BURSAR'S OFFICE KNOXVILLE, TN 37996-0225	62-1844686	501(C)(3)	22,500.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF MASSACHUSETTS 285 OLD WESTPORT RD. N. DARTMOUTH, MA 02747	04-3167352	MA STATE	20,500.		N/A	N/A	GENERAL SUPPORT
(5) GEORGIA SOUTHERN UNIVERSITY 1332 SOUTHERN DR STATESBORO, GA 30458	58-2354256	501(C)(3)	20,431.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF WASHINGTON 12455 COLLECTIONS DR. CHICAGO, IL 60693	91-6001537	IL STATE	20,237.		N/A	N/A	GENERAL SUPPORT
(7) ALCORN STATE UNIVERSITY FOUNDATION INC 1000 ASU DRIVE LORMAN, MS 39096	64-6000013	MS STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(8) CENTRAL COLLEGE 812 UNIVERSITY ST PELLA, IA 50219	42-0680344	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(9) DELAWARE STATE UNIVERSITY 1200 N DUPONT HWY DOVER, DE 19901	51-0305893	DE STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(10) LANGSTON UNIVERSITY FOUNDATION PO BOT 1500 LANGSTON, OK 73050	11-3815948	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(11) 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
(12) NORTH CAROLINA ST COLLEGE OF SCI FNDTN PO BOX 7207 RALEIGH, NC 27695-8201	58-1524289	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT

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

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Schedule I (Form 990) 2020

**SCHEDULE I
(Form 990)**

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**
Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

OMB No. 1545-0047

2020

**Open to Public
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Department of the Treasury
Internal Revenue Service

▶ 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) RUTGERS UNIVERSITY FOUNDATION 7 COLLEGE AVENUE NEW BRUNSWICK, NJ 08901	23-7318742	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(2) SOUTH CAROLINA STATE UNIV FOUNDATION INC 300 COLLEGE ST NE ORANGEBURG, SC 29117	23-7113930	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(3) SOUTHERN UNIVERSITY SYSTEM FOUNDATION JS CLARK ADMIN. RM 32 BATON ROUGE, LA 70183	23-7052911	LA STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(4) TUSKEGEE UNIVERSITY 1200 W MONTGOMERY RD TUSKEGEE, AL 36088	63-0288878	AL STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(5) UNIVERSITY OF ARIZONA FOUNDATION 1111 N. CHERRY AVE TUCSON, AZ 85721	86-6050388	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF GEORGIA FOUNDATION 1 PRESS PL STE 101 ATHENS, GA 30601	58-6033837	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF IDAHO 875 PERIMETER DR., MS3020 MOSCOW, ID 83844	82-6000945	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF KENTUCKY 2540 RESEARCH PARK DR. LEXINGTON, KY 40506	61-6001218	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(9) UNIVERSITY OF MINNESOTA FOUNDATION 200 OAK ST. SE MINNEAPOLIS, MN 55455	41-6042488	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(10) UNIVERSITY OF NEVADA RENO FOUNDATION 1664 N. VIRGINIA ST RENO, NV 89557	94-2781749	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF NEW HAMPSHIRE 105 MAIN ST DURHAM, NH 03824	02-6000937	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(12) UNIVERSITY OF RHODE ISLAND FOUNDATION 79 UPPER COLLEGE RD KINGSTON, RI 02881	05-6014351	RI STATE	20,000.		N/A	N/A	GENERAL SUPPORT

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

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Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
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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 VERMONT FOUNDATION 411 MAIN ST BURLINGTON, VT 05401	45-1556038	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF WISCONSIN FOUNDATION 1848 UNIVERSITY AVE MADISON, WI 53726	39-0743975	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(3) UNIVERSITY OF WYOMING FOUNDATION 222 S 22ND STREET LARAMIE, WY 82070	83-0201971	WY STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(4) UTAH STATE UNIVERSITY 4000 OLD MAIN HILL LOGAN, UT 84322-1420	87-6000528	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(5) VIRGINIA TECH FOUNDATION INC 902 PRICES FORK ROAD BLACKSBURG, VA 24061	54-0721690	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(6) REGENTS OF THE UNIVERSITY OF CA - DAVIS ONE SHIELDS AVE DAVIS, CA 95616	94-6036494	501(C)(3)	19,375.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF MICHIGAN 3003 S. STATE ST. ANN ARBOR, MI 48109	38-6006309	501(C)(3)	19,000.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF WISCONSIN 1725 STATE STREET LA CROSSE, WI 54601	39-1805963	WI STATE	18,828.		N/A	N/A	GENERAL SUPPORT
(9) UNIVERSITY OF VERMONT 223 WATERMAN BLDG. BURLINGTON, VT 05405	03-0179440	501(C)(3)	18,414.		N/A	N/A	GENERAL SUPPORT
(10) NEW MEXICO TECH FINANCIAL AID SERVICES SOCORRA, NM 87801	85-6000411	NM STATE	18,338.		N/A	N/A	GENERAL SUPPORT
(11) RSRCH FDN OF THE CITY UNIV OF NEW YORK 230 WEST 41ST STREET NEW YORK, NY 10036	13-1988190	501(C)(3)	18,233.		N/A	N/A	GENERAL SUPPORT
(12) THE BRD OF TRUSTEES OF THE UNIV OF ILLINOIS 28392 NETWORK PLACE CHICAGO, IL 60673-1283	37-6000511	501(C)(3)	18,233.		N/A	N/A	GENERAL SUPPORT

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Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
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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**
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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) FLORIDA INTERNATIONAL UNIVERSITY 11200 SW 8TH ST MIAMI, FL 33199	65-0177616	FL STATE	18,233.		N/A	N/A	GENERAL SUPPORT
(2) ST. LOUIS UNIVERSITY 3700 WEST PINE MALL ST. LOUIS, MO 63108	43-0654872	501(C)(3)	18,209.		N/A	N/A	GENERAL SUPPORT
(3) THE UNIVERSITY OF TEXAS AT DALLAS PO BOX 830688, MS AD37 RICHARDSON, TX 75083	75-1305566	TX STATE	18,067.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF SOUTHERN CALIFORNIA SPONSORED PRJ ACCT. LOS ANGELES, CA 90089	95-1642394	501(C)(3)	18,031.		N/A	N/A	GENERAL SUPPORT
(5) TEXAS A&M UNIVERSITY 400 HARVEY MITCH. PKWY. CLL. STN., TX 77845	74-6000531	TX STATE	17,986.		N/A	N/A	GENERAL SUPPORT
(6) TEXAS A&M ENGINEERING EXPERIMENT STATION 400 HARVEY MITCH. PKWY. CLL. STN., TX 77845	74-1974733	TX STATE	17,963.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF SOUTH CAROLINA BURSARS OFFICE COLUMBIA, SC 29208	57-6001153	SC STATE	16,500.		N/A	N/A	GENERAL SUPPORT
(8) ARIZONA STATE UNIVERSITY 2700 N. CENTRAL AVE. PHOENIX, AZ 85004	86-0196696	AZ STATE	15,719.		N/A	N/A	GENERAL SUPPORT
(9) UNIVERSITY OF PUERTO RICO - MAYAGUEZ PR-108 MAYAGUEZ, PR 00682	66-0433761	501(C)(3)	15,000.		N/A	N/A	GENERAL SUPPORT
(10) BROWN UNIVERSITY CASHIERS OFFICE PROVIDENCE, RI 02912	05-0258809	501(C)(3)	14,750.		N/A	N/A	GENERAL SUPPORT
(11) EMORY UNIVERSITY 201 DOWMAN DR ATLANTA, GA 30322-1960	58-0566256	501(C)(3)	14,375.		N/A	N/A	GENERAL SUPPORT
(12) REGENTS OF THE UNIV OF CA - RIVERSIDE 900 UNIVERSITY AVE RIVERSIDE, CA 92521	95-6006142	501(C)(3)	14,250.		N/A	N/A	GENERAL SUPPORT

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Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
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Part I General Information on Grants and Assistance

- 1 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**
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

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(1) LAFAYETTE COLLEGE 030 MARQUIS HALL EASTON, PA 18042-1760	24-0795686	501(C)(3)	13,788.		N/A	N/A	GENERAL SUPPORT
(2) TEXAS STATE UNIVERSITY 601 UNIVERSITY DRIVE SAN MARCOS, TX 78666	74-6002248	TX STATE	13,788.		N/A	N/A	GENERAL SUPPORT
(3) UNIVERSITY OF CENTRAL FLORIDA 4000 CENTRAL FLORIDA BLVD ORLANDO, FL 32816	59-2924021	FL STATE	13,125.		N/A	N/A	GENERAL SUPPORT
(4) TULANE UNIVERSITY 1555 POYDRAS ST. NEW ORLEANS, LA 70112	72-0423889	501(C)(3)	13,032.		N/A	N/A	GENERAL SUPPORT
(5) MISSOURI STATE UNIVERSITY 901 S NATIONAL AVE SPRINGFIELD, MO 65897	44-6000308	MO STATE	13,002.		N/A	N/A	GENERAL SUPPORT
(6) NORTH CAROLINA STATE UNIVERSITY OFFICE OF SCHOLARSHIPS RALEIGH, NC 27695	56-6000756	NC STATE	12,938.		N/A	N/A	GENERAL SUPPORT
(7) MIAMI UNIVERSITY 7 ROUDEBUSH HALL OXFORD, OH 45056	31-6402089	501(C)(3)	12,732.		N/A	N/A	GENERAL SUPPORT
(8) THE TOWER FDN OF SAN JOSE STATE UNIVERSITY ONE WASHINGTON SQ. SAN JOSE, CA 95192	83-0403915	501(C)(3)	12,591.		N/A	N/A	GENERAL SUPPORT
(9) PRAIRIE VIEW A&M UNIVERSITY PO BOX 519 PRAIRIE VIEW, TX 77446-0519	74-6001078	TX STATE	12,020.		N/A	N/A	GENERAL SUPPORT
(10) TRUSTEES OF BOSTON UNIVERSITY 25 BUICK STREET BOSTON, MA 02215	04-2103547	501(C)(3)	11,750.		N/A	N/A	GENERAL SUPPORT
(11) ROWAN UNIVERSITY 201 MULLICA HILL RD. GLASSBORO, NJ 08028	22-2764819	NJ STATE	11,699.		N/A	N/A	GENERAL SUPPORT
(12) TRINITY UNIVERSITY ONE TRINITY PL. SAN ANTONIO, TX 78212	74-1109633	501(C)(3)	11,616.		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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Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

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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) REGENTS OF THE UNIV OF CA - MERCED 5200 LAKE RD MERCED, CA 95343	27-0093858	CA STATE	11,500.		N/A	N/A	GENERAL SUPPORT
(2) AMERICAN ASSOC. FOR THE ADV. OF SCIENCE 1200 NEW YORK AVE NW WASHINGTON, DC 20005	53-0196568	501(C)(3)	11,000.		N/A	N/A	GENERAL SUPPORT
(3) NEW JERSEY INSTITUTE OF TECHNOLOGY P.O. BOX 18110 NEWARK, NJ 07191	22-6000910	NJ STATE	10,750.		N/A	N/A	GENERAL SUPPORT
(4) CALIFORNIA STATE UNIVERSITY - LONG BEACH 1250 BELLFLOWER BLVD LONG BEACH, CA 90840	95-6106694	501(C)(3)	10,250.		N/A	N/A	GENERAL SUPPORT
(5) BALL STATE UNIVERSITY 2000 W UNIVERSITY AVE MUNCIE, IN 47306	35-6000221	IN STATE	10,224.		N/A	N/A	GENERAL SUPPORT
(6) ACS, CHEMICAL EDUCATION DIVISION 590 CENTERVILLE RD. LANCASTER, PA 17601	42-0935374	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(7) POLYTECHNIC UNIVERSITY OF PUERTO RICO PO BOX 192017 SAN JUAN, PR 00919-2017	66-0362666	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(8) REGENTS OF THE UNIV OF CA - SAN DIEGO STUDENT FIN. SOLUTIONS LA JOLLA, CA 92093	95-6006144	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(9) UNIVERSITY OF ALASKA FOUNDATION 2025 YUKON DR STE 106 FAIRBANKS, AK 99775	23-7394620	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(10) UNIVERSITY OF NEBRASKA FOUNDATION 1010 LINCOLN MALL #300 LINCOLN, NE 68508	47-0379839	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(11) HAMPTON UNIVERSITY 100 E QUEEN ST HAMPTON, VA 23669	54-0505990	501(C)(3)	9,744.		N/A	N/A	GENERAL SUPPORT
(12) MONTCLAIR STATE UNIVERSITY 1 NORMAL AVE MONTCLAIR, NJ 07043	22-2912682	NJ STATE	9,500.		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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(1) IDAHO STATE UNIVERSITY 921 S 8TH AVE POCA TELLO, ID 83209-8391	82-6000924	501(C)(3)	9,375.		N/A	N/A	GENERAL SUPPORT
(2) SMITH COLLEGE OFF. OF THE CNL R. NORTHAMPTON, MA 01063	04-1843040	501(C)(3)	9,282.		N/A	N/A	GENERAL SUPPORT
(3) THE UNIVERSITY CORPORATION 18111 NORDHOFF ST. NORTHRIDGE, CA 91330	95-1992732	501(C)(3)	9,116.		N/A	N/A	GENERAL SUPPORT
(4) CITY COLLEGE OF NEW YORK 160 CONVENT AVE NEW YORK, NY 10031	13-3893536	NY STATE	9,000.		N/A	N/A	GENERAL SUPPORT
(5) HOWARD UNIVERSITY 2400 6TH ST NW WASHINGTON, DC 20059	53-0204707	501(C)(3)	8,875.		N/A	N/A	GENERAL SUPPORT
(6) LAMAR UNIVERSITY P.O. BOX 10119 BEAUMONT, TX 77710	74-6000298	TX STATE	8,814.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF NEW MEXICO SCHOLARSHIP OFFICE ALBUQUERQUE, NM 87131	85-6000642	NM STATE	8,750.		N/A	N/A	GENERAL SUPPORT
(8) AUSTIN PEAY STATE UNIVERSITY 601 COLLEGE ST CLARKSVILLE, TN 37044	62-0646576	TN STATE	8,553.		N/A	N/A	GENERAL SUPPORT
(9) GEORGIA STATE UNIVERSITY 75 PIEDMONT AVENUE NE ATLANTA, GA 30303	58-6002050	501(C)(3)	8,125.		N/A	N/A	GENERAL SUPPORT
(10) THE REED INSTITUTE 3203 SE WOODSTOCK BLVD PORTLAND, OR 97202	93-0386908	501(C)(3)	8,125.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF SCRANTON 800 LINDEN ST SCRANTON, PA 18510-4694	24-0795495	501(C)(3)	8,074.		N/A	N/A	GENERAL SUPPORT
(12) CAL POLY CORPORATION 1 GRAND AVE SAN LUIS OBISPO, CA 93405	95-1648180	501(C)(3)	8,035.		N/A	N/A	GENERAL SUPPORT

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Department of the Treasury
Internal Revenue Service

▶ 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
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Part I General Information on Grants and Assistance

- 1 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**
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

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

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) CALIFORNIA STATE UNIVERSITY LOS ANGELES 5151 STATE UNIV. DR. LOS ANGELES, CA 90032	95-4386558	CA STATE	8,000.		N/A	N/A	GENERAL SUPPORT
(2) NOBCCHE 1783 FOREST DRIVE ANNAPOLIS, MD 21403	58-1285586	501(C)(3)	8,000.		N/A	N/A	GENERAL SUPPORT
(3) UNIVERSITY OF COLORADO OFFICE OF FINANCIAL AID BOULDER, CO 80309	84-6000555	501(C)(3)	7,938.		N/A	N/A	GENERAL SUPPORT
(4) HARVARD UNIVERSITY STUD ACCT OFFICE CAMBRIDGE, MA 02138	04-2103580	501(C)(3)	7,875.		N/A	N/A	GENERAL SUPPORT
(5) ST. MARY'S COLLEGE OF MARYLAND 18952 E.FISHER RD. ST.MARY'S CITY, MD 20686	52-6002033	MD STATE	7,735.		N/A	N/A	GENERAL SUPPORT
(6) KENYON COLLEGE 106 COLLEGE PARK DR GAMBIER, OH 43022	31-4379507	501(C)(3)	7,625.		N/A	N/A	GENERAL SUPPORT
(7) SAMFORD UNIVERSITY 800 LAKESHORE DR HOMEWOOD, AL 35229	63-0312914	501(C)(3)	7,625.		N/A	N/A	GENERAL SUPPORT
(8) CA POLYTECHNIC STATE UNIV 1 GRAND AVE BLDG SAN LUIS OBISPO, CA 93407	20-4927897	501(C)(3)	7,500.		N/A	N/A	GENERAL SUPPORT
(9) DREXEL UNIVERSITY 3141 CHESTNUT ST PHILADELPHIA, PA 19104	23-1352630	501(C)(3)	7,500.		N/A	N/A	GENERAL SUPPORT
(10) GEORGIA GWINNETT COLLEGE 1000 UNIV. CTR. LN. LAWRENCEVILLE, GA 30043	27-0124698	GA STATE	7,500.		N/A	N/A	GENERAL SUPPORT
(11) LOYOLA UNIVERSITY OF CHICAGO 102 W SHERIDAN RD CHICAGO, IL 60153	36-1408475	501(C)(3)	7,500.		N/A	N/A	GENERAL SUPPORT
(12) SUNY AT POTSDAM OFF OF STUDENT ACCOUNTS POTSDAM, NY 13676	83-1059248	501(C)(3)	7,500.		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) 2020**

**SCHEDULE I
(Form 990)**

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**
Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

OMB No. 1545-0047

2020

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Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

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

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

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 PUERTO RICO AT RIO PIEDRAS 14, 2534 AV. SAN JUAN, PR 00925	66-0433760	PUERTO RICO	7,500.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF TEXAS AT SAN ANTONIO 1 UTSA CIRCLE SAN ANTONIO, TX 78249	74-1717115	TX STATE	7,125.		N/A	N/A	GENERAL SUPPORT
(3) TEXAS TECH UNIVERSITY BOX 41105 LUBBOCK, TX 79409-1105	75-6002622	TX STATE	6,875.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF DAYTON 300 COLLEGE PARK DAYTON, OH 45469-1672	31-0536715	501(C)(3)	6,875.		N/A	N/A	GENERAL SUPPORT
(5) CLEMSON UNIVERSITY FOUNDATION 155 OLD GREENVILLE HWY CLEMSON, SC 29631	57-0426335	501(C)(3)	6,500.		N/A	N/A	GENERAL SUPPORT
(6) RENSSELAER POLYTECHNIC INSTITUTE 110 8TH ST TROY, NY 12180-3522	14-1340095	501(C)(3)	6,400.		N/A	N/A	GENERAL SUPPORT
(7) NORTHEASTERN UNIVERSITY 360 HUNTINGTON AVE BOSTON, MA 02115-5000	04-1679980	501(C)(3)	6,300.		N/A	N/A	GENERAL SUPPORT
(8) LOUISIANA STATE UNIVERSITY SPONSORED PROG ACCT BATON ROUGE, LA 70803	72-6000848	501(C)(3)	6,250.		N/A	N/A	GENERAL SUPPORT
(9) TRUSTEES OF AMHERST COLLEGE P.O. BOX 5000 AMHERST, MA 01002-5000	04-2103542	501(C)(3)	6,250.		N/A	N/A	GENERAL SUPPORT
(10) NORTHWESTERN UNIVERSITY 633 CLARK ST EVANSTON, IL 60208-1270	36-2167817	501(C)(3)	6,125.		N/A	N/A	GENERAL SUPPORT
(11) ROCHESTER INSTITUTE OF TECHNOLOGY 1 LOMB MEMORIAL DR ROCHESTER, NY 14623-5604	16-0743140	501(C)(3)	6,125.		N/A	N/A	GENERAL SUPPORT
(12) YALE UNIVERSITY STUDENT FIN SVCS. NEW HAVEN, CT 06520	06-0646973	501(C)(3)	6,125.		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) 2020

**SCHEDULE I
(Form 990)**

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**
Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

OMB No. 1545-0047

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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) SKIDMORE COLLEGE 815 N BROADWAY SARATOGA SPRINGS, NY 12866	14-1338562	501(C)(3)	6,125.		N/A	N/A	GENERAL SUPPORT
(2) GONZAGA UNIVERSITY 502 E BOONE AVE SPOKANE, WA 99258	91-0236600	WA STATE	6,000.		N/A	N/A	GENERAL SUPPORT
(3) HUMBOLDT STATE UNIVERSITY 1 HARPST ST ARCATA, CA 95521-8279	68-0282413	CA STATE	6,000.		N/A	N/A	GENERAL SUPPORT
(4) KENT STATE UNIVERSITY 800 E SUMMIT ST KENT, OH 44240	31-6402079	501(C)(3)	6,000.		N/A	N/A	GENERAL SUPPORT
(5) NORTHERN MICHIGAN UNIVERSITY 1401 PRESQUE ISLE AVE MARQUETTE, MI 49855	38-6029206	MI STATE	6,000.		N/A	N/A	GENERAL SUPPORT
(6) ROOSEVELT UNIVERSITY 430 S. MICHIGAN AVE CHICAGO, IL 60605	36-2167854	501(C)(3)	6,000.		N/A	N/A	GENERAL SUPPORT
(7) STATE UNIVERSITY OF NEW YORK 353 BROADWAY ALBANY, NY 12246	14-6013200	NY STATE	6,000.		N/A	N/A	GENERAL SUPPORT
(8) TEACHERS COLLEGE COLUMBIA UNIVERSITY 525 W 120TH ST NEW YORK, NY 10027	13-1624202	501(C)(3)	6,000.		N/A	N/A	GENERAL SUPPORT
(9) WESTERN GOVERNORS UNIVERSITY 4001 S 700 E #300 SALT LAKE CITY, UT 84107	84-1383926	501(C)(3)	6,000.		N/A	N/A	GENERAL SUPPORT
(10) VANDERBILT UNIVERSITY 2201 WEST END AVE NASHVILLE, TN 37235	62-0476822	501(C)(3)	5,750.		N/A	N/A	GENERAL SUPPORT
(11) IOWA STATE UNIVERSITY OFFICE OF FINANCIAL AID AMES, IA 50011-2103	42-6004224	501(C)(3)	5,704.		N/A	N/A	GENERAL SUPPORT
(12) FLORIDA A&M UNIVERSITY 1601 S MLK. JR BLVD TALLAHASSEE, FL 32307	59-0977035	501(C)(3)	5,625.		N/A	N/A	GENERAL SUPPORT

- Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ▶
- 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) 2020

**SCHEDULE I
(Form 990)**

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**
Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

OMB No. 1545-0047

2020

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Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

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

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

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) CASE WESTERN RESERVE UNIVERSITY 10900 EUCLID AVE CLEVELAND, OH 44106	34-1018992	501(C)(3)	5,500.		N/A	N/A	GENERAL SUPPORT
(2) MIDLAND SECTION PO BOX 2695 MIDLAND, MI 48641-2695	38-6076239	501(C)(3)	5,500.		N/A	N/A	GENERAL SUPPORT
(3) UNIV OF GEORGIA LIBRARIES OFF. OF STUDENT FIN. AID ATHENS, GA 30602	58-6001998	GA STATE	5,500.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF NOTRE DAME FINANCIAL AID OFFICE NOTRE DAME, IN 46556	35-0868188	501(C)(3)	5,500.		N/A	N/A	GENERAL SUPPORT
(5) CSU FULLERTON AUXILIARY SERVICES CORP 1121 N ST COLL. BLVD. FULLERTON, CA 92831	95-2081258	501(C)(3)	5,304.		N/A	N/A	GENERAL SUPPORT
(6) PELOTONIA 450 W BROAD ST COLUMBUS, OH 43216	82-4997087	501(C)(3)	5,300.		N/A	N/A	GENERAL SUPPORT
(7)							
(8)							
(9)							
(10)							
(11)							
(12)							

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ▶ 198.

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) 2020

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	96.	373,071.		N/A	N/A
2 FELLOWSHIPS	352.	526,414.		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

2020

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
1b	X	
2	X	
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) 2020

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)	774,013.	299,659.	14,528.	25,650.	37,468.	1,151,318.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
2 MR. FLINT H. LEWIS SECRETARY & GENERAL COUNSEL	(i)	394,667.	109,566.	5,945.	25,650.	26,104.	561,932.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
3 MR. ALBERT HORVATH TREASURER & CFO	(i)	431,280.	103,716.	6,508.	25,650.	24,475.	591,629.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
4 MR. MANUEL GUZMAN PRESIDENT, CAS	(i)	805,148.	335,661.	4,902.	25,650.	36,743.	1,208,104.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
5 MR. JOHN R. SULLIVAN CHIEF INFORMATION OFFICER	(i)	413,863.	115,550.	4,094.	25,650.	35,857.	595,014.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
6 DR. JAMES MILNE PRESIDENT, ACS Pubs	(i)	0.	0.	0.	0.	0.	0.	0.
	(ii)	413,117.	216,010.	14,281.	0.	45,892.	689,300.	0.
7 MR. BOLLAMPALLI RAO CTO VP INFO TECH, CAS	(i)	412,301.	141,595.	4,139.	25,650.	40,985.	624,670.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
8 DR. MICHAEL DENNIS VP, LEGAL ADM, PMO & INNVTN, CAS	(i)	356,902.	116,780.	3,499.	24,850.	34,992.	537,023.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
9 MR. CRAIG STEPHENS SVP, SALES & MARKETING, CAS	(i)	360,386.	122,140.	3,576.	25,650.	36,527.	548,279.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
10 MR. BRANDON NORDIN SVP SALES, MKTG DGT STGY, Pubs	(i)	332,575.	116,951.	5,091.	25,650.	26,653.	506,920.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
11 MR. ERIC. R. KIMBALL VP FINANCE, CAS	(i)	358,750.	112,796.	3,445.	25,650.	2,479.	503,120.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
12	(i)							
	(ii)							
13	(i)							
	(ii)							
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: SOCIAL CLUB DUES. THE ACS PAID FOR SOCIAL CLUB
MEMBERSHIP DUES FOR THE THREE STAFF OFFICERS. THE PAYMENTS WERE TREATED
AS ORDINARY AND NECESSARY BUSINESS EXPENSES. THE ACS AND THE THREE
OFFICERS USED THE CLUB'S FACILITIES TO CONDUCT ACS BUSINESS ACTIVITIES.
THE BENEFIT WAS NOT TREATED AS TAXABLE COMPENSATION FOR EACH EMPLOYEE.
ACS DOES NOT REIMBURSE EXPENSES INCURRED FOR PERSONAL USE.

SCHEDULE L
(Form 990 or 990-EZ)

Transactions With Interested Persons

OMB No. 1545-0047

2020

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)					

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 167,238.
 (D) DESCRIPTION OF TRANSACTION EMPLOYMENT
 (E) SHARING ORGANIZATION REVENUE? YES X NO

**SCHEDULE M
(Form 990)**

Noncash Contributions

OMB No. 1545-0047

2020

**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.

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Part I Types of Property

	(a) Check if applicable	(b) Number of contributions or items contributed	(c) Noncash contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining noncash contribution amounts
1 Art - Works of art				
2 Art - Historical treasures				
3 Art - Fractional interests				
4 Books and publications	X		9,003.	FMV
5 Clothing and household goods				
6 Cars and other vehicles.				
7 Boats and planes				
8 Intellectual property				
9 Securities - Publicly traded	X	4.	37,078.	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 ▶ (<u>SUPPLIES</u>)	X	4.	568.	FMV
26 Other ▶ (_____)				
27 Other ▶ (_____)				
28 Other ▶ (_____)				

29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part V, 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?	30a		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?	31	X	
32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions?	32a		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) 2020

JSA

OE1298 1.000

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

2020

**Open to Public
Inspection**

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FORM 990, 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.

FORM 990, PART V, LINES 4A & 4B:

IN 2020, THE ACS MAINTAINED BANK ACCOUNTS IN THE UNITED KINGDOM AND INDIA FOR PURPOSES OF COLLECTING REVENUE AND PAYING EXPENSES DENOMINATED IN FOREIGN CURRENCIES.

FORM 990, PART VI, SECTION A, LINE 2:

IN 2020, 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), FLINT LEWIS (ACSI DIRECTOR), AND ALBERT HORVATH (SECRETARY/TREASURER). THEY RECEIVED NO COMPENSATION FOR THEIR SERVICE AS DIRECTOR OR OFFICER OF ACSI.

IN 2020, IMMEDIATE PAST PRESIDENT (DR. BONNIE A. CHARPENTIER) HAD A

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FAMILY RELATIONSHIP WITH AN ACS DIRECTOR (DR. LEE H. LATIMER).

FORM 990, PART VI, SECTION A, LINE 4:

IN 2020, CHANGES TO THE ACS GOVERNING DOCUMENTS WERE MADE AND INCLUDED THE FOLLOWING:

- 1) A BYLAW CHANGE THAT CLARIFY HOW AMENDMENTS TO THE STANDING RULES ARE MADE.
- 2) ADDED A SCHEDULE OF MEMBERSHIP THAT DESCRIBES THE DUES AND BENEFITS PROCESS, THE 2021 BASE DUES, THE DUES CATEGORIES AND BENEFITS PACKAGES, MEMBERSHIP DISCOUNTS AND VARIATIONS, AND THE PROCESS OF MAKING AMENDMENTS TO THE SCHEDULE OF MEMBERSHIP.

FORM 990, PART VI, SECTION A, LINE 6:

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

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FROM AN APPROPRIATELY ACCREDITED EDUCATIONAL INSTITUTION, OR ONE ACCEPTABLE TO THE ACS.

IN 2020, THE FOLLOWING CATEGORIES OF MEMBERS HAD THE RIGHT TO ELECT THE MEMBERS OF THE GOVERNING BODY OR THEIR DELEGATES:

- REGULAR MEMBER - A PERSON THAT HAS A DEGREE OR CERTIFICATION IN CHEMICAL OR RELATED SCIENCES; OR CERTIFICATION AS A TEACHER OF A CHEMICAL SCIENCE.

- UNDERGRADUATE STUDENT MEMBER - A PERSON ACTIVELY WORKING TOWARD AN UNDERGRADUATE DEGREE IN CHEMISTRY OR IN A RELATED ACADEMIC DISCIPLINE, SHALL BE ENTITLED TO A FIVE-SIXTH DISCOUNT ON DUES. AN UNDERGRADUATE STUDENT MEMBER IS ENTITLED TO ALL PRIVILEGES OF MEMBERSHIP EXCEPT THAT OF HOLDING AN ELECTIVE POSITION OF THE ACS, ITS LOCAL SECTIONS, OR ITS DIVISIONS, AND THE PRIVILEGE OF SERVING AS TEMPORARY SUBSTITUTE COUNCILOR.

FORM 990, PART VI, SECTION A, LINE 7A:

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 RESIDING IN THE US AUTOMATICALLY BECOME MEMBERS OF AN ACS LOCAL SECTION WHILE ALL MEMBERS MAY CHOOSE TO JOIN AN ACS DIVISION. 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 2020, THE ACS HAD 152,904 MEMBERS WHO WERE EITHER A REGULAR MEMBER OR

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AN UNDERGRADUATE STUDENT MEMBER, WHO ELECT THE ACS PRESIDENT-ELECT. IN ADDITION TO THE PRESIDENT-ELECT, THERE ARE TWO EX-OFFICIO VOTING MEMBERS OF THE BOARD OF DIRECTORS: THE CURRENT PRESIDENT AND THE MOST RECENT PAST PRESIDENT (BOTH ELECTED BY THE MEMBERSHIP IN PRIOR YEARS). THE SIX DISTRICT DIRECTORS, WHO ALSO SERVE ON THE ACS BOARD, ARE ELECTED BY THE MEMBERS OF THE SIX GEOGRAPHICAL DISTRICTS AS PROVIDED IN THE BYLAWS, FROM WHICH THEY ARE TO SERVE.

IN ADDITION, THE SIX DIRECTORS-AT-LARGE ARE ELECTED BY THE COUNCIL. THE ACS COUNCIL IS COMPOSED OF THE ACS PRESIDENT, THE PRESIDENT-ELECT, THE DIRECTORS, THE PAST PRESIDENTS, THE EXECUTIVE DIRECTOR & CEO, 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 2020, ACS HAD 32 DIVISIONS AND 185 LOCAL SECTIONS). TWENTY PERCENT OF ELECTED COUNCILORS ARE ELECTED BY DIVISIONS AND 80% ARE ELECTED BY LOCAL SECTIONS.

FORM 990, PART VI, SECTION B, LINE 11B:

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 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.

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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.

FORM 990, PART VI, SECTION B, LINE 12C:
PURSUANT TO ACS BOARD REGULATIONS, DIRECTORS, OFFICERS, KEY EMPLOYEES, AND MEMBERS OF TWO ACS COMMITTEES AND ONE GOVERNING BOARD (THE COMMITTEE ON BUDGET AND FINANCE, THE COMMITTEE ON EDUCATION AND THE GOVERNING BOARD FOR PUBLISHING) ARE REQUIRED TO ANNUALLY SUBMIT A COMPLETED CONFLICT OF INTEREST DISCLOSURE FORM. THE ACS SECRETARY & GENERAL COUNSEL REVIEWS EACH OF THE FORMS (EXCEPT HIS/HER OWN, WHICH IS REVIEWED BY THE EXECUTIVE DIRECTOR & CEO) AND ASSESSES WHETHER AN ACTUAL OR POTENTIAL CONFLICT OF INTEREST EXISTS/MAY EXIST AND WHETHER THE INDIVIDUAL SHOULD REFRAIN FROM CONSIDERATION OF RELATED ITEMS.

WHENEVER ANY BUSINESS MATTER, WHICH IS TO BE CONSIDERED BY BOARD-RELATED BODIES, OFFICERS, OR KEY EMPLOYEES, INVOLVES ACTIVITIES OR INFORMATION THAT MIGHT DIRECTLY OR INDIRECTLY PLACE A PARTICIPANT IN A SPECIAL CONFLICT OF INTEREST, THEN THE AFFECTED INDIVIDUAL SHALL REFRAIN FROM PARTICIPATING IN THE CONSIDERATION OF, OR ANY VOTING UPON, SUCH MATTER.

THE ACS POLICIES AND PROCEDURES MANUAL INCLUDES A CONFLICT OF INTEREST POLICY APPLICABLE TO ALL ACS EMPLOYEES. ADDITIONALLY, ON AN ANNUAL BASIS, ACS EMPLOYEES IN KEY POSITIONS ARE REQUIRED TO READ, REAFFIRM THEIR

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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.

FORM 990, PART VI, SECTION B, LINES 15A & 15B:

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

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OF THE ACS BUDGET & FINANCE COMMITTEE, AND TWO ACS MEMBERS WITH "EXPERTISE IN SENIOR AND EXECUTIVE STAFF COMPENSATION ISSUES" WHO ARE APPOINTED BY THE ACS BOARD CHAIR - AS WELL AS THE EXECUTIVE DIRECTOR & CEO WHO SERVES EX OFFICIO (NON-VOTING). THE CHAIR OF THIS COMMITTEE IS APPOINTED BY THE ACS BOARD CHAIR FROM AMONG THE COMMITTEE MEMBERS.

IN ADDITION, THE COMMITTEE ON EXECUTIVE COMPENSATION IS ADVISED ON THE SALARY AND INCENTIVE PAYMENT FOR THE EXECUTIVE DIRECTOR & CEO BY A SUBCOMMITTEE OF THE ACS 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 2020 WERE BASED ON THE 2019 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

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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. SALARY INCREASES FOR 2020 FOR ACS EXECUTIVES WERE PROCESSED IN THE FIRST QUARTER OF 2021.

FORM 990, PART VI, SECTION C, LINE 19:

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.

FORM 990, PART XI, LINE 9:

OTHER CHANGES IN NET ASSETS OR FUND BALANCES:

CHANGE IN PENSION FUNDING STATUS	\$13,806,205
ADJUSTMENTS TO CONTRIBUTIONS	\$164,520
GRANT REFUNDS	\$141,442
ADJUSTMENTS TO PLEDGES RECEIVABLE	(\$25,000)
OTHER CHANGES	
LINE 9, OTHER CHANGES IN NET ASSETS	\$14,087,167

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ATTACHMENT 1

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

INFORMATION SERVICES

THE AMERICAN CHEMICAL SOCIETY (ACS) ACHIEVES ITS GOAL TO BE AN INDISPENSABLE PROFESSIONAL AND INFORMATION RESOURCE FOR MEMBERS AND OTHER CHEMISTRY-RELATED PRACTITIONERS THROUGH TWO PUBLISHING DIVISIONS, CAS AND ACS PUBLICATIONS. THESE DIVISIONS PROVIDE SIGNIFICANT SERVICES TO ACS MEMBERS AND THE GLOBAL SCIENTIFIC COMMUNITY WITH ACCURATE, TIMELY, AND AUTHORITATIVE CHEMICAL AND RELATED SCIENTIFIC INFORMATION.

CAS PROVIDES SCIENTIFIC INFORMATION SOLUTIONS, PARTNERING WITH INNOVATORS AROUND THE WORLD TO ACCELERATE SCIENTIFIC BREAKTHROUGHS. CAS EMPLOYS EXPERTS WHO CURATE, CONNECT, AND ANALYZE SCIENTIFIC KNOWLEDGE TO REVEAL UNSEEN CONNECTIONS. FOR OVER 100 YEARS, SCIENTISTS, PATENT PROFESSIONALS, AND BUSINESS LEADERS HAVE RELIED ON CAS SOLUTIONS AND EXPERTISE TO PROVIDE THE HINDSIGHT, INSIGHT, AND FORESIGHT THEY NEED SO THEY CAN BUILD UPON THE LEARNINGS OF THE PAST TO DISCOVER A BETTER FUTURE.

CAS PROVIDES POWERFUL INFORMATION SOLUTIONS, INCLUDING THE CAS SCIFINDER DISCOVERY PLATFORM(TM) AND THE STN IP PROTECTION SUITE(TM) THAT IMPROVE PRODUCTIVITY AND HELP ADVANCE DISCIPLINES - BE IT IN CHEMISTRY AND RELATED SCIENCES OR INTELLECTUAL PROPERTY. CAS'S BROAD-BASED, EASY TO USE SOLUTIONS DRIVE DISCOVERY AND DEEP INSIGHTS FOR THE SCIENTIFIC ENTERPRISE THAT LEAD TO INNOVATIONS

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ATTACHMENT 1 (CONT'D)

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.

CAS ALSO BRINGS THE UNIQUE CAPABILITIES TO DESIGN CAS CUSTOM SERVICES THAT MAXIMIZE THE STRATEGIC IMPACT OF SCIENTIFIC INFORMATION, INCLUDING DIGITAL ASSETS, POWERING DATA-DRIVEN DECISIONS AND ENABLING ORGANIZATIONS TO INNOVATE MORE EFFICIENTLY.

IN 2020, CAS PARTNERED WITH GLOBAL INNOVATORS TO SPEED DISCOVERY IN DEVELOPING VACCINES AND THERAPEUTICS FOR COVID-19 RESEARCH, LEVERAGING INSIGHTS FROM THE COMPREHENSIVE CAS CONTENT COLLECTION.

CAS ALSO CONTINUED TO INCREASE THE SOPHISTICATION OF ITS SCIENTIFIC INFORMATION SOLUTIONS INCLUDING INTRODUCING NEW RETROSYNTHESIS CAPABILITIES, AS WELL AS BIOSEQUENCE SEARCHING AND FORMULATIONS CAPABILITIES, AS EXAMPLES. STRATEGIC PARTNERSHIPS ALSO EXTENDED THE VALUE DELIVERED TO INNOVATORS THROUGH INITIATIVES THAT INCLUDED MAKING CHEMICAL SAFETY INFORMATION READILY AVAILABLE, EXTENDING PATENT RESEARCH CAPABILITIES, AND EXPANDING ACCESS TO THE CAS CONTENT COLLECTION, AMONG OTHERS.

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

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ATTACHMENT 1 (CONT'D)

NEWS MAGAZINE OF THE CHEMICAL WORLD.

IN 2020, ACS PUBLISHED 65 PEER-REVIEWED JOURNALS, DISSEMINATING 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 2020, ACS PUBLICATIONS TOOK THE LEAD IN MAKING ALL COVID-19 RELEVANT CONTENT FREE-TO-ACCESS, SUPPORTING THE FIGHT AGAINST THE VIRUS AND INCREASING PUBLIC AWARENESS THROUGH RELEVANT C&EN AND JOURNAL ARTICLES. A SINGLE COVID-19 ARTICLE AUTHORED BY CAS SCIENTISTS, PEER REVIEWED AND PUBLISHED IN ACS CENTRAL SCIENCE, RAPIDLY ATTRACTED OVER 300K DOWNLOADS GLOBALLY, DEMONSTRATING THE QUALITY, RELEVANCE AND INTEREST IN THIS MATERIAL.

DESPITE THE DISRUPTION TO STAFF, EDITORS, RESEARCHERS AND ALL OTHER STAKEHOLDERS, ACS JOURNALS STILL GREW IN SUBMISSIONS, USAGE AND CITATIONS. ACS PUBLICATIONS ALSO IMPLEMENTED A BOLD MOVE TO SUPPORT OPEN ACCESS PUBLISHING, WITH THE DEVELOPMENT OF JACS AU AND NINE 'ACS AU' PURE OPEN ACCESS JOURNALS. THESE JOURNALS WILL SUPPORT EUROPEAN RESEARCHERS WHOSE FUNDERS INTEND TO RESTRICT THEIR PUBLISHING OPTIONS TO ONLY OPEN ACCESS JOURNALS. JACS AU

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ATTACHMENT 1 (CONT'D)

PUBLISHED ITS FIRST ARTICLES DURING 2020 AND THE NINE 'ACS AU' TITLES, SPANNING THE BREADTH OF CHEMICAL RESEARCH WILL OPEN TO SUBMISSIONS JANUARY 2021.

IN 2020, ACS PUBLICATIONS CONTINUED ITS STRONG RECORD OF SERVICE TO THE GLOBAL COMMUNITY OF RESEARCHERS IN THE CHEMICAL AND RELATED SCIENCES - 62,000 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 GLOBAL INFLUENCE, AND SUBSEQUENT LITERATURE CITATIONS AND IMPACT FACTOR RANKING METRICS.

THE PORTFOLIO OF ACS PEER REVIEWED JOURNALS CONTINUES TO REPRESENT THE MOST TRUSTED, MOST CITED, MOST READ SCIENTIFIC PUBLICATIONS IN THEIR RESPECTIVE FIELDS. DURING 2020 KEY EDITORIAL AND QUALITY METRICS INCREASED POSITIVELY, WITH 172 MILLION FULL TEXT ARTICLE DOWNLOADS; 3.6 MILLION TOTAL CITATIONS REPORTED, AND 31% OF JOURNALS ACHIEVING THEIR HIGHEST EVER IMPACT FACTOR. IN ADDITION TO THE DEVELOPMENT OF JACS AU AND NINE 'ACS AU' PURE OPEN ACCESS JOURNALS, ACS' PORTFOLIO OF PEER REVIEWED JOURNALS WAS FURTHER STRENGTHENED WITH A NUMBER OF IMPORTANT STRATEGIC LAUNCHES: ACS ES&T WATER AND ACS ES&T ENGINEERING; ACS AGRICULTURAL SCIENCE & TECHNOLOGY AND ACS FOOD SCIENCE & TECHNOLOGY; AND ACCOUNTS OF MATERIALS RESEARCH, DEVELOPED AND LAUNCHED IN CLOSE PARTNERSHIP WITH SHANGHAITECH UNIVERSITY.

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ATTACHMENT 1 (CONT'D)

TO ACCOMMODATE THE DRAMATIC INCREASE IN OFF-CAMPUS USE OF ACS JOURNALS DUE TO THE GLOBAL PANDEMIC, SEVERAL NEW REMOTE ACCESS OPTIONS WERE ENABLED, INCLUDING SEAMLESSACCESS, GETFTR, AND GOOGLE CASA. THESE NEW REMOTE ACCESS OPTIONS ENSURED RESEARCHERS COULD CONTINUE TO EASILY DOWNLOAD SUBSCRIBED JOURNAL CONTENT WHILE AWAY FROM THEIR CAMPUS OR CORPORATE NETWORK.

BUILDING ON ACS' LEADING ACTIVITIES AND ENGAGEMENT WITH OPEN ACCESS (OA), THE SOCIETY HAS SIGNIFICANTLY GROWN THE REACH OF TRANSFORMATIVE 'READ & PUBLISH' AGREEMENTS TO COVER HUNDREDS OF INSTITUTIONS GLOBALLY. THESE PROGRAMS COUPLE SUBSCRIPTION ACCESS LICENSING WITH OPEN ACCESS PUBLICATION CREDITS AND ENCOURAGE OPEN ACCESS PUBLISHING WHILE OA FUNDING SOURCES REMAIN UNCERTAIN. ACS PUBLICATIONS INCREASED THE SCALE OF OPEN ACCESS PUBLISHING TO 8,400 ARTICLES, AN INCREASE OF 40%.

TO SUPPORT THE RESEARCH COMMUNITY, ACS PUBLICATIONS IS CONTINUALLY HONING AND IMPROVING THE SERVICES IT PROVIDES THROUGHOUT THE PUBLICATION PROCESS. ACS JOURNALS ARE RENOWNED FOR PROVIDING AMONG THE FASTEST TIME-TO-PUBLICATION IN THE INDUSTRY. DURING 2020, ACS PUBLICATIONS DEPLOYED FOUR ARTIFICIAL INTELLIGENCE (AI) TECHNOLOGY SOLUTIONS, IMMERSSED WITHIN JOURNAL OPERATIONS TO IMPROVE RESEARCHER EXPERIENCE; STREAMLINED AND STANDARDIZED NUMEROUS EDITORIAL WORKFLOWS TO IMPROVE AUTHOR EXPERIENCE; AND

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ATTACHMENT 1 (CONT'D)

INTRODUCED NEW GLOBAL SERVICE VENDORS TO IMPROVE AUTHOR SERVICE AND TIME TO PUBLICATION.

IN 2020, ALL ACS JOURNALS PUBLISHED A JOINT EDITORIAL ENTITLED "CONFRONTING RACISM IN CHEMISTRY JOURNALS" CONDEMNING RACISM AND COMMITTING TO KEY ACTIONS TOWARD COMBATING RACIAL BIAS IN ACS JOURNALS: ANNUALLY REPORTING ON DEMOGRAPHIC STATISTICS; TRAINING EDITORS TO RECOGNIZE AND INTERRUPT BIAS IN PEER REVIEW; INCLUDING JOURNAL DIVERSITY IN THE EVALUATION OF EDITOR-IN-CHIEF PERFORMANCE; APPOINTING AN OMBUDSPERSON TO SERVE AS A LIAISON BETWEEN EDITORS AND THE CHEMISTRY COMMUNITY; DEVELOPING DIVERSITY PLANS FOR EACH ACS JOURNAL. ACS PUBLICATIONS ALSO INTRODUCED A LANDMARK POLICY FOR RESEARCHERS WHO WISH TO CHANGE THEIR NAMES FOR REASONS INCLUDING GENDER IDENTITY, MARRIAGE, DIVORCE, OR RELIGIOUS CONVERSION.

DURING 2020, DESPITE THE GLOBAL PANDEMIC, C&EN CONTINUED TO PROVIDE COVERAGE OF THE CHEMICAL ENTERPRISE WITHOUT IMPACT ON THE FREQUENCY OR QUALITY OF ITS CONTENT. ALL COVID-19 RELATED STORIES WERE MADE FREELY AVAILABLE AS A PUBLIC SERVICE.

- C&EN BROKE ALL PRIOR WEB USAGE RECORDS, RECEIVING MORE THAN 8.7 MILLION USERS, WHO VISITED THE CEN.ACS.ORG SITE MORE THAN 11 MILLION TIMES AND VIEWED OVER 14 MILLION PAGES.
- INTEGRATED C&EN IN CAS'S SCIFINDER, INCREASING THE

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ATTACHMENT 1 (CONT'D)

DISCOVERABILITY OF C&EN CONTENT AND GIVING SCIFINDER USERS A NEW PATH TO ACS MEMBERSHIP THROUGH C&EN'S METERED PAYWALL.

- LAUNCHED C&EN'S EMAIL COURSE, C&EN'S GRAD SCHOOL SURVIVAL GUIDE
- AN 8-WEEK SERIES OF ESSAYS AND RESOURCES DEVELOPED IN COLLABORATION WITH ACS EDUCATION AND WITH FUNDING SUPPORT FROM THE GENENTECH FOUNDATION.

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 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 2020, ACS PROVIDED FORMAL AND INFORMAL EDUCATIONAL RESOURCES, INSTRUCTION, AND MENTORSHIP VIRTUALLY. ACS REACHED OUT TO NUMEROUS ELEMENTARY AND SECONDARY SCHOOL STUDENTS, TEACHERS AND PARENTS 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.

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ATTACHMENT 2 (CONT'D)

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 2020 WITH MORE THAN 8,000 MEMBERS, A 20 PERCENT GROWTH SINCE 2019.

IN 2020, THE ACS WEBSITE FOR THE "GET THE FACTS OUT" PROJECT WAS PROMOTED, 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 IN 2019, ACS ESTABLISHED THE ACS BRIDGE PROJECT TO INCREASE THE NUMBER OF UNDERREPRESENTED MINORITY STUDENTS WHO RECEIVE DOCTORAL DEGREES IN CHEMICAL SCIENCES. IN 2020, THE ACS BRIDGE PROGRAM EXPANDED, AND THE ACS BRIDGE TRAVEL AWARDS TRANSITIONED TO CAREER AND PROFESSIONAL DEVELOPMENT AWARDS.

ONE OF ACS'S MOST SUCCESSFUL EFFORTS, THE ACS SCHOLARS PROGRAM, CONTINUES TO HELP STUDENTS FROM UNDERREPRESENTED RACIAL/ETHNIC GROUPS ACHIEVE THEIR DREAMS OF OBTAINING DEGREES AND CAREERS IN A BROAD RANGE OF CHEMICAL SCIENCES. IN ALL, OVER 3,300 AFRICAN-AMERICAN, HISPANIC/LATINO, AND NATIVE AMERICAN STUDENTS HAVE PARTICIPATED IN THE PROGRAM SINCE 1995. OF THOSE, OVER 2,100 HAVE EARNED BACHELOR'S DEGREES IN A CHEMICAL SCIENCE AND OVER 445 OF THESE ACS SCHOLARS HAVE GONE ON TO EARN DOCTORAL DEGREES IN

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ATTACHMENT 2 (CONT'D)

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. SINCE IN-PERSON RESEARCH EXPERIENCES COULD NOT BE OFFERED IN 2020, 291 STUDENTS PARTICIPATED IN A FOUR-WEEK VIRTUAL SUMMER CAMP. FOR THE 2020-2021 SCHOOL YEAR, ACS AWARDED 37 PROJECT SEED COLLEGE SCHOLARSHIPS TO ALUMNI ENTERING THEIR FRESHMAN YEAR IN COLLEGE. THREE PROJECT SEED COLLEGE SCHOLARS RECEIVED THE CIBA SPECIALTY CHEMICALS SCHOLARSHIPS FOR THREE-RENEWABLE YEARS BEGINNING WITH THEIR SOPHOMORE YEAR. THE SECOND LOCONTI SCHOLARS WINNER WAS SELECTED, RECEIVING A FOUR-YEAR RENEWABLE SCHOLARSHIP STARTING AT THE FRESHMAN YEAR.

THE COLLECTION OF PROFESSIONAL AND CAREER DEVELOPMENT RESOURCES FOR STUDENTS AND EDUCATORS WAS EXPANDED WITH NEW AND ADDITIONAL WORKSHOPS, HELD ONLINE. ELECTRONIC ACCESS TO CURRICULAR RESOURCES AND PUBLICATIONS WAS INCREASED.

A DISCUSSION SERIES FOCUSED ON UNDERGRADUATE EDUCATION WAS INITIATED FOR CHAIRS OF CHEMISTRY DEPARTMENTS IN 2020. TEACHING LABORATORY COURSES IN THE TIME OF COVID-19 WAS THE TOPIC FOR THE FIRST TWO DISCUSSIONS.

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ATTACHMENT 2 (CONT'D)

IN 2020, THE US CHEMISTRY OLYMPIAD TEAM CONTINUED ITS HISTORICALLY STRONG PERFORMANCE, WINNING FOUR GOLD MEDALS AND THE TOP MEDAL OVERALL AT THE 52ND INTERNATIONAL CHEMISTRY OLYMPIAD.

IN 2020, THE OUTREACH TRAINING PROGRAM WAS EXPANDED, ENHANCING THE IMPACT OF CHEMISTRY FESTIVALS AND OTHER SCIENCE OUTREACH. CHEMISTS CELEBRATE EARTH WEEK AND NATIONAL CHEMISTRY WEEK WERE CONDUCTED VIRTUALLY. ACS ALSO JOINED THE EARTH DAY NETWORK IN CELEBRATING THE 50TH ANNIVERSARY OF EARTH DAY.

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 2020, THE SOCIETY CLOSED THE YEAR WITH OVER 155,000 MEMBERS, THE THIRD CONSECUTIVE YEAR OF TOTAL MEMBERSHIP GROWTH. ACS INTERNATIONAL MEMBERSHIP HAS CONTINUED TO BE AN ADDITIONAL BRIGHT SPOT WITH 25% OF MEMBERS PRESENTLY RESIDING OUTSIDE THE U.S.; MAJOR MARKETS INCLUDE CANADA, CHINA, GERMANY, INDIA, JAPAN, SOUTH KOREA, AND THE UNITED KINGDOM.

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.

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ATTACHMENT 2 (CONT'D)

- 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.

THE COVID-19 PANDEMIC MOST VISIBLY IMPACTED MEETING PLANNING ACTIVITIES IN 2020. THOUGH THE SPRING 2020 NATIONAL MEETING WAS TERMINATED, MORE THAN 11,700 SUBMISSIONS FROM THAT PLANNED MEETING WERE SHARED ON THE SCIMEETINGS PLATFORM, IN PARTNERSHIP WITH ACS PUBLICATIONS. THE MEMBERSHIP DIVISION ALSO SUPPORTED THE GREEN CHEMISTRY & ENGINEERING CONFERENCE, THE FIRST ACS VIRTUAL MEETING WHICH ATTRACTED NEARLY 5,000 ATTENDEES FROM 99 DIFFERENT COUNTRIES.

THE FALL 2020 VIRTUAL MEETING WAS SUCCESSFULLY PRODUCED AFTER IT WAS DETERMINED THAT IN-PERSON ACTIVITIES WOULD NOT TAKE PLACE. THE MEETING ATTRACTED JUST OVER 6,500 REGISTRANTS, AND A COMBINED 70 EXHIBITORS AND SPONSORS. MORE THAN 4,100 PRESENTATIONS WERE PROVIDED FOR ON-DEMAND ACCESS DURING THE MEETING. 80% OF THE

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ATTACHMENT 2 (CONT'D)

REGISTRANTS WERE ACS MEMBERS AND NEARLY 20% OF THE WERE INTERNATIONAL HAILING FROM 60 COUNTRIES. FIRST-TIME REGISTRANTS REPRESENTED ONE-THIRD OF TOTAL ATTENDEES, WHICH IS HIGHER THAN IN-PERSON MEETINGS, WHICH TYPICALLY SEE 10% FIRST-TIME REGISTRANTS.

THE OFFICE OF AWARDS & MEMBER RECOGNITION PROGRAMS CONTINUED IN 2020. MEMBERS WERE EITHER RECOGNIZED WITH A NATIONAL AWARD, HONORED FOR GRASSROOTS ACTIVITIES, OR PARTICIPATED IN SELECTION ACTIVITIES. IN ADDITION, THE 2020 ACS FELLOWS CLASS WAS SELECTED AND ANNOUNCED, AND WILL BE HONORED IN A 2021 AUGUST CEREMONY. ACS HELD ITS FIRST VIRTUAL CHEMLUMINARY AWARDS CEREMONY DURING THE YEAR, RECOGNIZING THE CONTRIBUTIONS OF ACS VOLUNTEERS. DURING THAT CEREMONY, 49 AWARDS WERE PRESENTED TO 51 RECIPIENTS.

TO ENSURE ITS MEMBERS WERE SUPPORTED THROUGH THE COVID-19 CRISIS IN THEIR PROFESSIONAL AND PERSONAL LIVES, ACS PROVIDED ACCESS TO THE FOLLOWING HIGHLIGHTED RESOURCES:

- COVID-19 DUES WAIVER: MEMBERS IMPACTED BY THE PANDEMIC IN THE BROADEST SENSE (EMPLOYMENT CHANGES, FAMILY CARE RESPONSIBILITIES, HEALTH CHALLENGES) RECEIVED A DUES WAIVER FOR A YEAR OF CONTINUED ACS DUES AT RENEWAL.

- MEMBER ASSISTANCE PROGRAM: IN PARTNERSHIP WITH OUR PROVIDER INOVA, MEMBERS IN NEED WERE PROVIDED NO COST ACCESS TO IMPORTANT ASSISTANCE PROGRAMS INCLUDING COUNSELING, FINANCIAL GUIDANCE, AND LEGAL ASSISTANCE.

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ATTACHMENT 2 (CONT'D)

- LINKEDIN LEARNING: LINKEDIN LEARNING IS AN ONLINE LIBRARY WITH OVER 16,000 COURSES ON A WIDE PORTFOLIO OF TOPICS. ACCESS WAS GRANTED TO ALL ACS MEMBERS.

- COVID-19 RESOURCES: A COMPREHENSIVE COLLECTION OF ACS RESOURCES WAS ASSEMBLED TO HELP COMBAT THE COVID 19 PANDEMIC.

- VIRTUAL 1:1 CAREER CONSULTATIONS: IN RESPONSE TO THE SPRING 2020 NATIONAL MEETING CANCELLATION, AND TO THE PANDEMIC MORE BROADLY, ZOOM LICENSES WERE PURCHASED FOR ALL CAREER CONSULTANTS WHO OPTED IN AND BEGAN CONDUCTING VIRTUAL CONSULTATIONS VIA ZOOM. 350+ CONSULTATIONS TOOK PLACE SINCE APRIL 2020.

- VIRTUAL OFFICE HOURS: A STANDING TIME EACH WEEK ALLOWS MEMBERS TO SPEAK WITH CAREER CONSULTANTS AND NETWORK WITH FELLOW MEMBERS. OVER 700+ ATTENDEES HAVE PARTICIPATED SINCE IMPLEMENTATION.

- VIRTUAL CAREER DAYS: VIRTUAL CAREER DAYS HAD HISTORICALLY TAKEN PLACE IN-PERSON AT LOCAL SECTIONS. WHILE TWO TOOK PLACE IN-PERSON EARLY IN 2020, THESE WERE PIVOTED TO VIRTUAL OFFERINGS. SINCE APRIL 2020, ACS HAVE HAD FIVE VIRTUAL CAREER DAYS WITH 750+ ATTENDEES.

THE ACS WEBINARS TEAM SIGNIFICANTLY INCREASED THE NUMBER AND FREQUENCY OF WEBINARS AVAILABLE TO MEMBERS AND THE CHEMISTRY COMMUNITY AT LARGE DURING COVID-19 PANDEMIC. FROM APRIL TO JUNE, DURING THE FIRST WAVE OF PUBLIC SAFETY MEASURES, THE ACS WEBINARS TEAM INCREASED BROADCAST FREQUENCY FROM WEEKLY TO A DAILY LIVE BROADCAST. BY THE END OF 2020, ACS WEBINARS PRODUCED 122 MEMBER-FACING WEBINARS, AN INCREASE OF 90% OVER 2019, WHICH WERE

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ATTACHMENT 2 (CONT'D)

ATTENDED BY OVER 63,000 PEOPLE, AN INCREASE OF 199%. WEEKLY TOPICS COVERED THE ECONOMY, JOB MARKET, PROFESSIONAL DEVELOPMENT, PUBLIC AND LAB SAFETY, CHEMISTRY EDUCATION, AND THE STATE OF RESEARCH INTO THE NOVEL CORONAVIRUS AND TREATMENTS.

THE INDUSTRY MATTERS NEWSLETTER PUBLISHED A DELIVERING ON DIVERSITY COLUMN ON SEPTEMBER 17TH, 2020 FOCUSING ON DIVERSITY EXECUTIVES WHO ARE SHARING PLANS AND SUGGESTIONS TO ADVANCE DIVERSITY, INCLUSION, EQUITY, AND RESPECT. CARGILL AND GENENTECH DIVERSITY LEADERS CONTRIBUTED TO ARTICLES IN 2020 AND COMMITMENTS HAVE BEEN RECEIVED FROM CHEVRON AND DUPONT FOR FUTURE ARTICLES.

THE DIVISION UPDATED THE DEIR WEBPAGE AND PLACED IT MORE PROMINENTLY ON ACS.ORG. THIS WAS ACCOMPANIED BY A MARKETING EFFORT WHICH INCLUDED THE DEVELOPMENT OF AD CREATIVES TO INCREASE AWARENESS. THIS OVERHAUL ADDED SEVERAL DEIR RESOURCES WHICH WILL BE UPDATED AS OFTEN AS NEEDED. SINCE THESE CHANGES WERE IMPLEMENTED THERE HAS BEEN A 3X INCREASE IN USAGE.

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

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ATTACHMENT 3 (CONT'D)

EDUCATION AND FUNDAMENTAL RESEARCH IN THE PETROLEUM FIELD, WHICH MAY INCLUDE ANY FIELD OF PURE SCIENCE WHICH AFFORDS A BASIS FOR SUBSEQUENT RESEARCH DIRECTLY CONNECTED WITH THE PETROLEUM FIELD.

IN 2020, THE ACS PRF FUNDED 185 GRANTS, TOTALING \$18.2 MILLION. THE GRANTS INCLUDED 71 NEW DIRECTIONS GRANTS, 69 DOCTORAL NEW INVESTIGATOR GRANTS, 21 UNDERGRADUATE RESEARCH GRANTS, AND 24 UNDERGRADUATE NEW INVESTIGATOR GRANTS. 2019-2020 REPRESENTED THE 65TH ANNIVERSARY OF THE FIRST PRF AWARDS. AS OF THE END OF 2020, OVER \$700 MILLION HAD BEEN AWARDED IN THE PROGRAM SINCE ITS INCEPTION.

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.

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ATTACHMENT 3 (CONT'D)

- RESEARCH GRANTS FOR FUNDAMENTAL RESEARCH IN THE PETROLEUM FIELD FOR NEW FACULTY. STARTER GRANTS TO ASSIST THE RESEARCH OF YOUNG FACULTY MEMBERS WITH A PHD DEGREE WHO ARE WITHIN THEIR FIRST THREE YEARS OF THEIR FIRST ACADEMIC APPOINTMENT AS REGULAR FACULTY MEMBERS OF COLLEGES AND UNIVERSITIES IN THE UNITED STATES.

ATTACHMENT 4FORM 990, PART V, LINE 4B - FOREIGN COUNTRIES

UNITED KINGDOM

INDIA

ATTACHMENT 5FORM 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 6990, PART VII- COMPENSATION OF THE FIVE HIGHEST PAID IND. CONTRACTORS

<u>NAME AND ADDRESS</u>	<u>DESCRIPTION OF SERVICES</u>	<u>COMPENSATION</u>
JAICI NAKAI BLDG, 6-25-4 HONKOMAGOMA, BUNKYOKU TOKYO JAPAN 113	ABSTRACTING SERVICES	6,915,471.
MOLECULAR CONNECTIONS PVT LTD KANDALA MANSIONS #2/2 KARIAPPA ROAD BASAVANAGUDI BANGALORE	ABSTRACTING SERVICES	6,854,649.

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ATTACHMENT 6 (CONT'D)

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

<u>NAME AND ADDRESS</u>	<u>DESCRIPTION OF SERVICES</u>	<u>COMPENSATION</u>
INDIA 560004		
SCOPE E KNOWLEDGE CENTER PVT LTD NANADANAM, 672, ANNA SALAI CHENNAI INDIA 60035	DATABASE SERVICES	6,426,131.
EXCELRA KNOWLEDGE SOL PVT LTD PILOT NO 28A IDA NACHARAM HYDERABAD INDIA 50076	DATABASE SERVICES	5,190,105.
G2O LLC 2500 CORPORATE EXCHANGE DRIVE SUITE 300 COLUMBUS, OH 43231	IT CONTRACTING SVCS	4,816,737.

ATTACHMENT 7

FORM 990, PART IX - OTHER FEES

<u>DESCRIPTION</u>	<u>(A) TOTAL FEES</u>	<u>(B) PROGRAM SERVICE EXP.</u>	<u>(C) MANAGEMENT AND GENERAL</u>	<u>(D) FUNDRAISING EXPENSES</u>
MARKETING FEES	63,207,127.	63,128,377.	78,750.	
CONSULTING FEES	31,828,000.	28,655,494.	3,095,032.	77,474.
EDITORIAL FEES	27,486,413.	27,486,360.		53.
TEMPORARY FEES	5,713,016.	1,895,399.	3,817,617.	
OTHER PROFESSIONAL SERVICES	3,518,500.	3,517,300.	1,200.	
WRITERS FEES	718,338.	718,338.		
HONORARIA	304,257.	302,337.	1,920.	
SPEAKER FEES	123,677.	114,677.	8,000.	1,000.
ADMINISTRATIVE FEES	117,120.	117,120.		
TOTALS	<u>133,016,448.</u>	<u>125,935,402.</u>	<u>7,002,519.</u>	<u>78,527.</u>

SCHEDULE R (Form 990)

Related Organizations and Unrelated Partnerships

OMB No. 1545-0047

2020

Open to Public Inspection

Department of the Treasury Internal Revenue Service

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.

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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) 2020

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. 1155 16TH ST, NW WASHINGTON, DC 20036 52-1916157	MARKETING	DC	ACS	C CORP	23,256,292.	10,683,020.	100.0000	X	
(2) ACS GROUP LIFE INSURANCE TRUST 1155 16TH ST, NW WASHINGTON, DC 20036 23-7093797	INSURANCE	DC	ACS	GRANTOR TRUST	9,026,290.	42,783,487.	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	23,231,904.	FMV
(2) ACS GROUP LIFE INSURANCE TRUST	C	1,000,000.	FMV
(3) ACS GROUP LIFE INSURANCE TRUST	L	444,345.	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.

FORM 990, PART IV, LINE 2:

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.