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Form 990

Department of the Treasury
Internal Revenue Service

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

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

▶ Information about Form 990 and its instructions is at [www.irs.gov/form990](#)

OMB No 1545-0047

2016

Open to Public Inspection

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

B Check if applicable

☐ Address change

☐ Name change

☐ Initial return

☐ Final

☒ Return/terminated

☐ Amended return

☐ Application pending

C Name of organization

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

Doing business as

Number and street (or P O box if mail is not delivered to street address)

Room/suite

120 WALL STREET 23RD FLOOR

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

NEW YORK, NY 10005

D Employer identification number

13-1623892

E Telephone number

(800) 242-4363

G Gross receipts \$ 35,762,651

F Name and address of principal officer

JUNE WISPELWEY

120 WALL STREET 23RD FLOOR

NEW YORK, NY 10005

H(a) Is this a group return for subordinates?

☐ Yes ☒ No

H(b) Are all subordinates included?

☐ Yes ☐ No

If "No," attach a list (see instructions)

H(c) Group exemption number ▶

I Tax-exempt status

☒ 501(c)(3) ☐ 501(c) () ◀(insert no) ☐ 4947(a)(1) or ☐ 527

J Website: ▶ WWW.AICHE.ORG

K Form of organization

☒ Corporation ☐ Trust ☐ Association ☐ Other ▶

L Year of formation 1908

M State of legal domicile NY

Part I Summary

Activities & Governance

1 Briefly describe the organization's mission or most significant activities

TO ADVANCE CHEMICAL ENGINEERING IN THEORY AND PRACTICE, TO MEET THE NEEDS OF CHEMICAL ENGINEERS FOR INFORMATION, KNOWLEDGE, AND PROFESSIONAL COMMUNICATION AND TO SERVE SOCIETY, PARTICULARLY WHERE CHEMICAL ENGINEERING CAN CONTRIBUTE TO THE PUBLIC INTEREST

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

3 Number of voting members of the governing body (Part VI, line 1a)

4 Number of independent voting members of the governing body (Part VI, line 1b)

5 Total number of individuals employed in calendar year 2016 (Part V, line 2a)

6 Total number of volunteers (estimate if necessary)

7a Total unrelated business revenue from Part VIII, column (C), line 12

7b Net unrelated business taxable income from Form 990-T, line 34

Revenue

8 Contributions and grants (Part VIII, line 1h)

9 Program service revenue (Part VIII, line 2g)

10 Investment income (Part VIII, column (A), lines 3, 4, and 7d)

11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)

12 Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)

Expenses

13 Grants and similar amounts paid (Part IX, column (A), lines 1–3)

14 Benefits paid to or for members (Part IX, column (A), line 4)

15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5–10)

16a Professional fundraising fees (Part IX, column (A), line 11e)

b Total fundraising expenses (Part IX, column (D), line 25) ▶2,797,582

17 Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e)

18 Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)

19 Revenue less expenses Subtract line 18 from line 12

Net Assets or Fund Balances

20 Total assets (Part X, line 16)

21 Total liabilities (Part X, line 26)

22 Net assets or fund balances Subtract line 21 from line 20

Prior Year

Current Year

2827,8143,860,311

22,159,85824,351,816

617,8701,098,816

2,151,3405,934,939

27,756,88235,245,882

289,090328,984

00

12,314,72313,365,167

68,30064,500

14,310,35616,798,048

26,982,46930,556,699

774,4134,689,183

Beginning of Current Year

End of Year

28,795,84335,446,732

11,826,44511,835,666

16,969,39823,611,066

Part II Signature Block

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

Sign Here

Signature of officer

2017-08-09

Date

JUNE WISPELWEY, EXECUTIVE DIRECTOR

Type or print name and title

Paid Preparer Use Only

Print/Type preparer's name

Preparer's signature

Date

Check ☐ if self-employed

PTIN

ROBERT LYONS

ROBERT LYONS

Firm's name ▶ MARKS PANETH LLP

Firm's EIN ▶ 11-3518842

Firm's address ▶ 685 THIRD AVENUE

Phone no (212) 503-8800

NEW YORK, NY 10017

May the IRS discuss this return with the preparer shown above? (see instructions)

☒ Yes ☐ No

For Paperwork Reduction Act Notice, see the separate instructions.

Cat No 11282Y

Form 990 (2016)

Part III Statement of Program Service AccomplishmentsCheck if Schedule O contains a response or note to any line in this Part III ☒**1** Briefly describe the organization's mission

TO ADVANCE CHEMICAL ENGINEERING IN THEORY AND PRACTICE, TO MEET THE NEEDS OF CHEMICAL ENGINEERS FOR INFORMATION, KNOWLEDGE, AND PROFESSIONAL COMMUNICATION AND TO SERVE SOCIETY, PARTICULARLY WHERE CHEMICAL ENGINEERING CAN CONTRIBUTE TO THE PUBLIC INTEREST

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 \$	9,351,790	including grants of \$	19,314) (Revenue \$	8,504,569)
See Additional Data					

4b	(Code) (Expenses \$	3,289,434	including grants of \$	110,133) (Revenue \$	4,340,074)
See Additional Data					

4c	(Code) (Expenses \$	3,563,060	including grants of \$	2,190) (Revenue \$	6,592,451)
See Additional Data					

(Code) (Expenses \$	2,752,542	including grants of \$	0) (Revenue \$	1,012,499)
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PUBLICATIONS - TO PUBLISH A VARIETY OF PERIODICALS, BOOKS AND OTHER MATERIALS ON CHEMICAL ENGINEERING AND RELATED TOPICS FOR DISTRIBUTION TO THE GENERAL PUBLIC THE REVENUE BELOW EXCLUDES ROYALTIES OF \$5,139,894 REPORTED IN PART VIII, LINE 5 AND EXCLUDES ADVERTISING REVENUES OF \$650,759 REPORTED IN PART VIII, LINE 2E

(Code) (Expenses \$	198,691	including grants of \$	) (Revenue \$	6,028)
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FINANCIAL SERVICES - TO ASSIST AICHE MEMBERS' EFFORTS TO ACHIEVE FINANCIAL SECURITY BY PROVIDING THEM WITH A SELECTION OF FINANCIAL SERVICES AND KEEPING TRACK OF ALL FINANCIAL RELATED BENEFITS THE REVENUE BELOW EXCLUDES DIVIDENDS OF \$240,000 REPORTED IN PART VIII, LINE 3 AND EXCLUDES ROYALTIES OF \$417,773 REPORTED IN PART VIII, LINE 5

(Code) (Expenses \$	1,365,992	including grants of \$	197,347) (Revenue \$	1,263,402)
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OTHER PROGRAM SUPPORT - TO SUPPORT CERTAIN OPERATIONS DECIDED BY THE BOARD OF DIRECTORS FROM SURPLUSES FROM SELF-SUPPORTING OPERATIONS, OTHER OPERATING REVENUES, AND A PORTION OF INVESTMENT RETURN THE REVENUE BELOW EXCLUDES REVENUES FROM CHARITABLE CONTRIBUTIONS AND GRANTS OF \$20,725 REPORTED IN PART VIII, LINE 1

(Code) (Expenses \$	2,904,599	including grants of \$	) (Revenue \$	2,632,793)
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EDUCATION SERVICES - TO PROVIDE SEMINARS AND COURSES TO THE GENERAL PUBLIC WHICH PROVIDES EDUCATIONAL OPPORTUNITIES RELATED TO CHEMICAL ENGINEERING THE REVENUE BELOW EXCLUDES DIVIDENDS OF \$100,000 REPORTED IN PART VIII, LINE 3

4d Other program services (Describe in Schedule O)

(Expenses \$	7,221,824	including grants of \$	197,347) (Revenue \$	4,914,722)
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4e Total program service expenses **23,426,108**

Part IV Checklist of Required Schedules

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

Part IV Checklist of Required Schedules (continued)

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

Part V Statements Regarding Other IRS Filings and Tax ComplianceCheck if Schedule O contains a response or note to any line in this Part V ☐

		Yes	No
1a	Enter the number reported in Box 3 of Form 1096 Enter -0- if not applicable	1a	202
b	Enter the number of Forms W-2G included in line 1a Enter -0- if not applicable	1b	0
c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	1c	
2a	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return	2a	105
b	If at least one is reported on line 2a, did the organization file all required federal employment tax returns? Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions)	2b	Yes
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year?	3a	Yes
b	If "Yes," has it filed a Form 990-T for this year? If "No" to line 3b, provide an explanation in Schedule O	3b	Yes
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)?	4a	Yes
b	If "Yes," enter the name of the foreign country ▶ SN , IN See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR)		
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?	5a	No
b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?	5b	No
c	If "Yes," to line 5a or 5b, did the organization file Form 8886-T?	5c	
6a	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions?	6a	No
b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?	6b	
7	Organizations that may receive deductible contributions under section 170(c).		
a	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?	7a	Yes
b	If "Yes," did the organization notify the donor of the value of the goods or services provided?	7b	Yes
c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	7c	No
d	If "Yes," indicate the number of Forms 8282 filed during the year	7d	
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	7e	No
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	7f	No
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?	7g	
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?	7h	
8	Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year?	8	
9a	Did the sponsoring organization make any taxable distributions under section 4966?	9a	
b	Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?	9b	
10	Section 501(c)(7) organizations. Enter		
a	Initiation fees and capital contributions included on Part VIII, line 12	10a	
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities	10b	
11	Section 501(c)(12) organizations. Enter		
a	Gross income from members or shareholders	11a	
b	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them)	11b	
12a	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?	12a	
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year	12b	
13	Section 501(c)(29) qualified nonprofit health insurance issuers.		
a	Is the organization licensed to issue qualified health plans in more than one state? Note. See the instructions for additional information the organization must report on Schedule O	13a	
b	Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans	13b	
c	Enter the amount of reserves on hand	13c	
14a	Did the organization receive any payments for indoor tanning services during the tax year?	14a	No
b	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O	14b	

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

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

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year	17	
If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O			
b	Enter the number of voting members included in line 1a, above, who are independent	17	
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?	2	No
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors or trustees, or key employees to a management company or other person?	3	No
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4	Yes
5	Did the organization become aware during the year of a significant diversion of the organization's assets?	5	No
6	Did the organization have members or stockholders?	6	Yes
7a	Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?	7a	Yes
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	7b	Yes
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:		
a	The governing body?	8a	Yes
b	Each committee with authority to act on behalf of the governing body?	8b	Yes
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O	9	No

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

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

Section C. Disclosure

17 List the States with which a copy of this Form 990 is required to be filed: NY

18 Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply.
☐ Own website ☐ Another's website ☒ Upon request ☐ Other (explain in Schedule O)

19 Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.

20 State the name, address, and telephone number of the person who possesses the organization's books and records.
 ▶ LUCIA MATTHEW 120 WALL STREET NEW YORK, NY 100054020 (646) 495-1355

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

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

Form **990** (2016)

[illegible]

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 ▶ 32

Section B. Independent Contractors

(A) Name and business address	(B) Description of services	(C) Compensation
BRIGHAM YOUNG UNIVERSITY PO BOX 21128 PROVO, UT 84602	PROJECT RESEARCH	586,982
FREEMAN AUDIO VISUAL INC PO BOX 650519 DALLAS, TX 75265	AUDIO VISUAL	545,022
REGENTS OF THE UNIVERSITY OF MINNESOTA NW 5960 PO BOX 1450 MINNEAPOLIS, MN 55485	PROJECT RESEARCH	214,906
GAN TEK MULTIMEDIA 4330 SLASH PINE DRIVE COLORADO SPRINGS, CO 80908	EDUCATION CONSULTANT	203,205
PERSONIFY INC PO BOX 759470 BALTIMORE, MD 21275	DATABASE	113,997

Form 990 (2016)

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	279,274				
	d Related organizations	1d					
	e Government grants (contributions)	1e	280,056				
	f All other contributions, gifts, grants, and similar amounts not included above	1f	3,300,981				
	g Noncash contributions included in lines 1a-1f \$		12,283				
	h Total. Add lines 1a-1f		3,860,311				
Program Service Revenue			Business Code				
	2a IND TECH GROUPS		541900	8,504,569	8,504,569		
	b MEETINGS & TECH PROG		541900	6,592,451	6,592,451		
	c MEMBERSHIP DUES		541900	4,340,074	4,340,074		
	d EDUCATIONAL SERVICES		611430	2,632,793	2,632,793		
	e OTHER		900099	1,537,034	1,537,034		
	f All other program service revenue			744,895		744,895	
	g Total. Add lines 2a-2f		24,351,816				
Other Revenue	3 Investment income (including dividends, interest, and other similar amounts)			989,856			989,856
	4 Income from investment of tax-exempt bond proceeds						
	5 Royalties			5,934,939			5,934,939
			(i) Real	(ii) Personal			
	6a Gross rents						
	b Less rental expenses						
	c Rental income or (loss)						
	d Net rental income or (loss)						
			(i) Securities	(ii) Other			
	7a Gross amount from sales of assets other than inventory		555,003				
	b Less cost or other basis and sales expenses		446,043				
	c Gain or (loss)		108,960				
	d Net gain or (loss)			108,960			108,960
	8a Gross income from fundraising events (not including \$ 279,274 of contributions reported on line 1c) See Part IV, line 18		a	70,726			
	b Less direct expenses		b	70,726			
c Net income or (loss) from fundraising events			0				
9a Gross income from gaming activities See Part IV, line 19		a					
b Less direct expenses		b					
c Net income or (loss) from gaming activities							
10a Gross sales of inventory, less returns and allowances		a					
b Less cost of goods sold		b					
c Net income or (loss) from sales of inventory							
Miscellaneous Revenue		Business Code					
11a							
b							
c							
d All other revenue							
e Total. Add lines 11a-11d							
12 Total revenue. See Instructions			35,245,882	23,606,921	744,895	7,033,755	

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

**Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.**

	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21.				
2 Grants and other assistance to domestic individuals. See Part IV, line 22.	328,984	328,984		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, line 15 and 16.				
4 Benefits paid to or for members.				
5 Compensation of current officers, directors, trustees, and key employees.	2,247,320	1,406,987	840,333	
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B).				
7 Other salaries and wages.	8,345,416	6,847,052	1,123,642	374,722
8 Pension plan accruals and contributions (include section 401 (k) and 403(b) employer contributions).	850,221	706,727	96,697	46,797
9 Other employee benefits.	1,285,329	1,066,150	173,991	45,188
10 Payroll taxes.	636,881	503,136	108,270	25,475
11 Fees for services (non-employees):				
a Management.				
b Legal.	48,257	5,940	41,017	1,300
c Accounting.	60,184	5,529	54,655	
d Lobbying.				
e Professional fundraising services. See Part IV, line 17.	64,500			64,500
f Investment management fees.	62,720		62,720	
g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O).	4,204,966	3,895,479	169,973	139,514
12 Advertising and promotion.	613,506	561,942		51,564
13 Office expenses.	727,407	664,841	42,237	20,329
14 Information technology.	499,084	499,084		
15 Royalties.	64,217	64,217		
16 Occupancy.	712,971	157,437	551,430	4,104
17 Travel.	1,337,278	1,212,980	93,111	31,187
18 Payments of travel or entertainment expenses for any federal, state, or local public officials.				
19 Conferences, conventions, and meetings.	2,903,975	2,849,599	10,702	43,674
20 Interest.				
21 Payments to affiliates.				
22 Depreciation, depletion, and amortization.	568,340	454,474	106,891	6,975
23 Insurance.	152,905		152,905	
24 Other expenses. Itemize expenses not covered above (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O):				
a MISCELLANEOUS AND DUES	2,488,163	111,602	503,307	1,873,254
b EQUIP. RENTAL & MAINT	1,154,236	1,081,869	51,225	21,142
c BANK/CREDIT CARD FEES	453,892	357,402	96,490	
d PRINTING & PUBLICATIONS	453,349	409,853	67	43,429
e All other expenses	292,598	234,824	53,346	4,428
25 Total functional expenses. Add lines 1 through 24e.	30,556,699	23,426,108	4,333,009	2,797,582
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here ☐ if following SOP 98-2 (ASC 958-720).				

Part X Balance SheetCheck if Schedule O contains a response or note to any line in this Part IX ☐

				(A) Beginning of year		(B) End of year
Assets	1	Cash—non-interest-bearing		2,673,112	1	2,255,556
	2	Savings and temporary cash investments		507	2	508
	3	Pledges and grants receivable, net		1,208,921	3	2,508,758
	4	Accounts receivable, net		1,817,768	4	2,408,112
	5	Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L			5	
	6	Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions). Complete Part II of Schedule L			6	
	7	Notes and loans receivable, net			7	
	8	Inventories for sale or use			8	
	9	Prepaid expenses and deferred charges		595,941	9	315,459
	10a	Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a	3,950,410		
	b	Less: accumulated depreciation	10b	1,533,081		
				2,189,917	10c	2,417,329
	11	Investments—publicly traded securities		20,309,677	11	25,541,010
	12	Investments—other securities. See Part IV, line 11			12	
	13	Investments—program-related. See Part IV, line 11			13	
	14	Intangible assets			14	
15	Other assets. See Part IV, line 11			15		
16	Total assets. Add lines 1 through 15 (must equal line 34)		28,795,843	16	35,446,732	
Liabilities	17	Accounts payable and accrued expenses		7,469,268	17	7,672,143
	18	Grants payable			18	
	19	Deferred revenue		4,357,177	19	4,163,523
	20	Tax-exempt bond liabilities			20	
	21	Escrow or custodial account liability. Complete Part IV of Schedule D			21	
	22	Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L			22	
	23	Secured mortgages and notes payable to unrelated third parties			23	
	24	Unsecured notes and loans payable to unrelated third parties			24	
	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			25	
	26	Total liabilities. Add lines 17 through 25		11,826,445	26	11,835,666
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here ☒ and complete lines 27 through 29, and lines 33 and 34.					
	27	Unrestricted net assets		13,705,864	27	18,081,674
	28	Temporarily restricted net assets		1,755,105	28	3,773,804
	29	Permanently restricted net assets		1,508,429	29	1,755,588
	Organizations that do not follow SFAS 117 (ASC 958), check here ☐ and complete lines 30 through 34.					
	30	Capital stock or trust principal, or current funds			30	
	31	Paid-in or capital surplus, or land, building or equipment fund			31	
	32	Retained earnings, endowment, accumulated income, or other funds			32	
	33	Total net assets or fund balances		16,969,398	33	23,611,066
34	Total liabilities and net assets/fund balances		28,795,843	34	35,446,732	

Part XI Reconciliation of Net AssetsCheck 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	35,245,882
2	Total expenses (must equal Part IX, column (A), line 25)	2	30,556,699
3	Revenue less expenses Subtract line 2 from line 1	3	4,689,183
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	16,969,398
5	Net unrealized gains (losses) on investments	5	1,035,394
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain in Schedule O)	9	917,091
10	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	23,611,066

Part XII Financial Statements and ReportingCheck if Schedule O contains a response or note to any line in this Part XII ☒

	Yes	No
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		No
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	Yes	
c If "Yes," to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O	Yes	
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?		No
b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits		

Additional Data

Software ID:
Software Version:
EIN: 13-1623892
Name: AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

Form 990 (2016)

Form 990, Part III, Line 4a:

INDUSTRY TECHNOLOGY GROUPS - TO ALLOW INDUSTRY, ACADEMIA AND GOVERNMENT REPRESENTATIVES TO COLLABORATE AND LEVERAGE RESOURCES FOR RESEARCH TECHNOLOGY TRANSFER AND OTHER ACTIVITIES THE ABOVE REVENUE EXCLUDES REVENUES FROM CHARITABLE CONTRIBUTIONS AND GRANTS OF \$243,878 REPORTED IN PART VIII, LINE 1, EXCLUDES ROYALTIES OF \$377,272 REPORTED IN PART VIII, LINE 5

Form 990, Part III, Line 4b:

MEMBERSHIP - TO PROVIDE A FOUNDATION FOR AIChE MEMBERS TO KEEP CURRENT, CONNECTED, AND SECURE THROUGHOUT THEIR CAREERS AIChE PRODUCES A JOURNAL (CHEMICAL ENGINEERING PROGRESS) WHICH PROVIDES ESSENTIAL TECHNICAL AND PROFESSIONAL INFORMATION TO PRACTICING CHEMICAL ENGINEERS THE ABOVE REVENUE EXCLUDES REVENUES FROM CHARITABLE CONTRIBUTIONS AND GRANTS OF \$27,600 REPORTED IN PART VIII, LINE 1, AND EXCLUDES ADVERTISING REVENUES OF \$94,136 REPORTED ON PART VIII, LINE 2F AND EXCLUDES DIVIDENDS OF \$100,000 REPORTED IN PART VIII, LINE 3

Form 990, Part III, Line 4c:

MEETINGS & TECHNICAL PROGRAMMING - TO CONDUCT TECHNICAL MEETINGS, CONFERENCES, AND EXHIBITS IN VARIOUS LOCATIONS IN ORDER TO PROMOTE OPEN EXCHANGE OF CHEMICAL ENGINEERING CONCEPTS THE ABOVE REVENUE EXCLUDES REVENUES FROM CHARITABLE CONTRIBUTIONS AND GRANTS OF \$43,448 REPORTED IN PART VIII, LINE 1

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors										(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
(A) Name and Title	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)										
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former					
CHERYL I TEICH PAST PRESIDENT	6 00	X		X					0	0	0	
GREGORY STEPHANOPOULOS PRESIDENT	12 00	X		X					0	0	0	
FREEMAN SELF SECRETARY	5 00	X		X					0	0	0	
E DENNIS GRIFFITH TREASURER	5 00	X		X					0	0	0	
BOND CALLOWAY PRESIDENT-ELECT	20 00	X		X					0	0	0	
GREGORY FRANK DIRECTOR	4 00	X							0	0	0	
MEAGAN LEWIS DIRECTOR	2 00	X							0	0	0	
JOE POWELL DIRECTOR	3 00	X							0	0	0	
TIMOTHY O ODI DIRECTOR	1 00	X							0	0	0	
DAN LAMBERT DIRECTOR	2 00	X							0	0	0	

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

(A) Name and Title	Average hours per week (list any hours for related organizations below dotted line)	(B) 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			
ALAN E NELSON DIRECTOR	2 00	X						0	0	0
JOHN O'CONNELL DIRECTOR	6 00	X						0	0	0
ANNE SKAJA ROBINSON DIRECTOR	2 00	X						0	0	0
SHARON ROBINSON DIRECTOR	4 00	X						0	0	0
JOSEPH D SMITH DIRECTOR	2 00	X						0	0	0
DIANE K SPENCER DIRECTOR	2 00	X						0	0	0
LEVI T THOMPSON JR DIRECTOR	3 00	X						0	0	0
JUNE C WISPELWEY EXECUTIVE DIRECTOR	40 00			X				390,280	0	68,409
RICHARD CAIN DIRECTOR, FINANCE	40 00			X				254,127	0	79,849
ELIZABETH LAWLER DIRECTOR, OPERATIONS	40 00				X			243,452	0	72,247

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors											
(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations	
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former				
STEPHEN SMITH DIRECTOR, PUBLICATIONS & COMMUNICATIONS	40 00				X			255,510	0	114,024	
CATHY DIANA DIRECTOR, HR, FOUNDATION & OFFICE SVCS	32 00				X			178,456	0	80,972	
KRISTINE CHIN DIRECTOR, CONFERENCES	40 00				X			212,602	0	72,467	
SHAKEEL KADRI EXECUTIVE DIRECTOR, CCPS	40 00				X			325,351	0	77,860	
DARLENE SCHUSTER DIRECTOR, TECHNICAL COMMUNITIES	40 00				X			264,870	0	53,677	
LOUISA NARA CCPS TECHNICAL DIRECTOR	40 00					X		181,750	0	48,559	
AMIT GUPTA CHIEF INFORMATION OFFICER	40 00					X		195,978	0	28,002	
JEFFREY WOOD DIRECTOR, MEETINGS	40 00					X		169,939	0	65,650	
RICHARD SARNIE DIRECTOR, CCPS PROJECTS	40 00					X		174,254	0	64,276	
DENISE DELUCA MALLON SALES ACCOUNT MANAGER	40 00					X		163,380	0	71,983	

SCHEDULE A (Form 990 or 990-EZ)	Public Charity Status and Public Support Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust. ▶ Attach to Form 990 or Form 990-EZ. ▶ Information about Schedule A (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990 .	OMB No 1545-0047 2016 Open to Public Inspection
	Department of the Treasury Internal Revenue Service Name of the organization AMERICAN INSTITUTE OF CHEMICAL ENGINEERS	Employer identification number 13-1623892

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		
Total						

Part II

Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)
(Complete only if you checked the box on line 5, 7, 8, or 9 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support						
Calendar year (or fiscal year beginning in) ▶	(a)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grant.")						
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3						
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						
6 Public support. Subtract line 5 from line 4						
Section B. Total Support						
Calendar year (or fiscal year beginning in) ▶	(a)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
7 Amounts from line 4						
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income (Do not include gain or loss from the sale of capital assets (Explain in Part VI.))						
11 Total support. Add lines 7 through 10						
12 Gross receipts from related activities, etc. (see instructions)					12	
13 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here ▶ ☐						
Section C. Computation of Public Support Percentage						
14 Public support percentage for 2016 (line 6, column (f) divided by line 11, column (f))					14	
15 Public support percentage for 2015 Schedule A, Part II, line 14					15	
16a 33 1/3% support test—2016. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ▶ ☐						
b 33 1/3% support test—2015. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ▶ ☐						
17a 10%-facts-and-circumstances test—2016. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization ▶ ☐						
b 10%-facts-and-circumstances test—2015. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization ▶ ☐						
18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions ▶ ☐						

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

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

Section A. Public Support

Calendar year (or fiscal year beginning in) ►	(a)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")	3,835,506	4,971,357	1,616,448	2,827,814	3,860,311	17,111,436
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	12,140,074	14,553,393	20,715,671	21,401,845	23,606,921	92,417,904
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5	15,975,580	19,524,750	22,332,119	24,229,659	27,467,232	109,529,340
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.)						109,529,340

Section B. Total Support

Calendar year (or fiscal year beginning in) ►	(a)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
9 Amounts from line 6	15,975,580	19,524,750	22,332,119	24,229,659	27,467,232	109,529,340
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	3,210,724	3,073,900	3,349,369	3,084,974	6,924,795	19,643,762
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
c Add lines 10a and 10b	3,210,724	3,073,900	3,349,369	3,084,974	6,924,795	19,643,762
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
12 Other income (Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
13 Total support. (Add lines 9, 10c, 11, and 12.)	19,186,304	22,598,650	25,681,488	27,314,633	34,392,027	129,173,102
14 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here ► ☐						

Section C. Computation of Public Support Percentage

15 Public support percentage for 2016 (line 8, column (f) divided by line 13, column (f))	15	84.790 %
16 Public support percentage from 2015 Schedule A, Part III, line 15	16	86.870 %

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2016 (line 10c, column (f) divided by line 13, column (f))	17	15.210 %
18 Investment income percentage from 2015 Schedule A, Part III, line 17	18	13.130 %

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

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

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

Part IV Supporting Organizations

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

Section A. All Supporting Organizations

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

Part IV Supporting Organizations (continued)

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

Section B. Type I Supporting Organizations

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

Section C. Type II Supporting Organizations

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

Section D. All Type III Supporting Organizations

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

Section E. Type III Functionally-Integrated Supporting Organizations

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

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

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

Section A - Adjusted Net Income

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

Section B - Minimum Asset Amount

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

Section C - Distributable Amount

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

Part V

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

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

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

Part VI **Supplemental Information.**

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

Facts And Circumstances Test

efile GRAPHIC print - DO NOT PROCESS		As Filed Data -		DLN: 93493221012707	
SCHEDULE D (Form 990) Department of the Treasury Internal Revenue Service		Supplemental Financial Statements ► Complete if the organization answered "Yes," on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b. ► Attach to Form 990. Information about Schedule D (Form 990) and its instructions is at www.irs.gov/form990.			OMB No 1545-0047 2016 Open to Public Inspection
Name of the organization AMERICAN INSTITUTE OF CHEMICAL ENGINEERS				Employer identification number 13-1623892	
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.					
		(a) Donor advised funds		(b) Funds and other accounts	
1	Total number at end of year				
2	Aggregate value of contributions to (during year)				
3	Aggregate value of grants from (during year)				
4	Aggregate value at end of year				
5	Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control?				☐ Yes ☐ No
6	Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit?				☐ Yes ☐ No
Part II Conservation Easements. Complete if the organization answered "Yes" on Form 990, Part IV, line 7.					
1	Purpose(s) of conservation easements held by the organization (check all that apply) ☐ Preservation of land for public use (e g , recreation or education) ☐ Preservation of an historically important land area ☐ Protection of natural habitat ☐ Preservation of a certified historic structure ☐ Preservation of open space				
2	Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year				
a	Total number of conservation easements	Held at the End of the Year			
b	Total acreage restricted by conservation easements	2a			
c	Number of conservation easements on a certified historic structure included in (a)	2b			
d	Number of conservation easements included in (c) acquired after 8/17/06, and not on a historic structure listed in the National Register	2c			
		2d			
3	Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ►				
4	Number of states where property subject to conservation easement is located ►				
5	Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds?				☐ Yes ☐ No
6	Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ►				
7	Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ► \$				
8	Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)?				☐ Yes ☐ No
9	In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements				
Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets. Complete if the organization answered "Yes" on Form 990, Part IV, line 8.					
1a	If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items				
b	If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items				
(i) Revenue included on Form 990, Part VIII, line 1		► \$			
(ii) Assets included in Form 990, Part X		► \$			
2	If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items				
a	Revenue included on Form 990, Part VIII, line 1	► \$			
b	Assets included in Form 990, Part X	► \$			
For Paperwork Reduction Act Notice, see the Instructions for Form 990.					
		Cat No 52283D		Schedule D (Form 990) 2016	

Part III

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

3

Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply)

a

☐ Public exhibition

d

☐ Loan or exchange programs

b

☐ Scholarly research

e

☐ Other

c

☐ Preservation for future generations

4

Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII

5

During the year, did the organization solicit or receive donations of art, historical treasures or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection?

☐ Yes

☐ No

Part IV

Escrow and Custodial Arrangements.

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

1a

Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X?

☐ Yes

☐ No

b

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

c

Beginning balance

d

Additions during the year

e

Distributions during the year

f

Ending balance

	Amount
1c	
1d	
1e	
1f	

2a

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

☐ Yes

☐ No

b

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

☐

Part V

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

	(a)Current year	(b)Prior year	(c)Two years back	(d)Three years back	(e)Four years back
1a Beginning of year balance	1,508,429	1,157,713	956,492	1,944,216	1,670,339
b Contributions	247,159	415,219	366,118	49,000	119,367
c Net investment earnings, gains, and losses	97,362	-45,709	33,720	55,225	154,510
d Grants or scholarships					
e Other expenditures for facilities and programs	18,936	18,794	198,617	1,091,949	
f Administrative expenses					
g End of year balance	1,834,014	1,508,429	1,157,713	956,492	1,944,216

2

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

a

Board designated or quasi-endowment ▶

b

Permanent endowment ▶ 99 000 %

c

Temporarily restricted endowment ▶ 1 000 %

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

	Yes	No
3a(i)		No
3a(ii)		No
3b		

b

If "Yes" on 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.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land				
b Buildings				
c Leasehold improvements		118,801	27,127	91,674
d Equipment		3,381,613	1,363,060	2,018,553
e Other		449,996	142,894	307,102
Total. Add lines 1a through 1e (Column (d) must equal Form 990, Part X, column (B), line 10(c))				2,417,329

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		
(3) Other _____		
(A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col (B) line 12)		

Part VIII

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

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

Part IX

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

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

Part X

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

(a) Description of liability	(b) Book value	
(1) Federal income taxes		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Column (b) must equal Form 990, Part X, col (B) line 25)		

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

☒

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

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

1	Total revenue, gains, and other support per audited financial statements	1	37,206,373
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12		
a	Net unrealized gains (losses) on investments	2a	1,035,394
b	Donated services and use of facilities	2b	
c	Recoveries of prior year grants	2c	
d	Other (Describe in Part XIII)	2d	987,817
e	Add lines 2a through 2d	2e	2,023,211
3	Subtract line 2e from line 1	3	35,183,162
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	62,720
b	Other (Describe in Part XIII)	4b	
c	Add lines 4a and 4b	4c	62,720
5	Total revenue Add lines 3 and 4c . (This must equal Form 990, Part I, line 12)	5	35,245,882

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

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

1	Total expenses and losses per audited financial statements	1	30,564,705
2	Amounts included on line 1 but not on Form 990, Part IX, line 25		
a	Donated services and use of facilities	2a	
b	Prior year adjustments	2b	
c	Other losses	2c	
d	Other (Describe in Part XIII)	2d	70,726
e	Add lines 2a through 2d	2e	70,726
3	Subtract line 2e from line 1	3	30,493,979
4	Amounts included on Form 990, Part IX, line 25, but not on line 1 :		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	62,720
b	Other (Describe in Part XIII)	4b	
c	Add lines 4a and 4b	4c	62,720
5	Total expenses Add lines 3 and 4c . (This must equal Form 990, Part I, line 18)	5	30,556,699

Part XIII Supplemental Information

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

Return Reference	Explanation
See Additional Data Table	

Part XIII **Supplemental Information** *(continued)*

Return Reference	Explanation

Additional Data

Software ID:
Software Version:
EIN: 13-1623892
Name: AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

Supplemental Information

Return Reference	Explanation
PART V, LINE 4	EARNINGS FROM PERMANENTLY RESTRICTED ENDOWMENTS ARE INTENDED TO BE USED TO ADVANCE PROGRAMS IN THE FOLLOWING AREAS 1) EDUCATIONAL AND PROFESSIONAL DEVELOPMENT, 2) PUBLIC AND GOVERNMENT OUTREACH AND OTHER, AND 3) AWARD PROGRAMS FOR SCHOLASTIC ACHIEVEMENT

Supplemental Information	
Return Reference	Explanation
PART X, LINE 2	SCHEDULE D, PART X, LINE 2 - EXPLANATION FOR UNCERTAIN TAX POSITIONS AICHE BELIEVES IT HAS HAD NO UNCERTAIN TAX POSITIONS AS OF DECEMBER 31, 2016 AND 2015 IN ACCORDANCE WITH ACCOUNTING STANDARDS CODIFICATION ("ASC") TOPIC 740 "INCOME TAXES," WHICH PROVIDES STANDARDS FOR ESTABLISHING AND CLASSIFYING ANY TAX PROVISIONS FOR UNCERTAIN TAX POSITIONS

Supplemental Information	
Return Reference	Explanation
PART XI, LINE 2D - OTHER ADJUSTMENTS	COSTS OF DIRECT BENEFITS TO DONORS 70,726 PENSION RELATED CHANGES OTHER THAN PERIODIC BENEFIT COST 283,913 POSTRETIREMENT RELATED CHANGES OTHER THAN PERIODIC BENEFIT COST 633,178

Supplemental Information	
Return Reference	Explanation
PART XII, LINE 2D - OTHER ADJUSTMENTS	COSTS OF DIRECT BENEFITS TO DONORS 70,726

**SCHEDULE F
(Form 990)**

Department of the Treasury
Internal Revenue Service

Statement of Activities Outside the United States

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

► Attach to Form 990. ► See separate instructions.

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

OMB No 1545-0047

2016

**Open to Public
Inspection**

Name of the organization
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

Employer identification number

13-1623892

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

1 For grantmakers. Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance?

☐ Yes ☐ No

2 For grantmakers. Describe in Part V the organization's procedures for monitoring the use of its grants and other assistance outside the United States

3 Activities per Region (The following Part I, line 3 table can be duplicated if additional space is needed)

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in region	(d) Activities conducted in region (by type) (e g , fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for and investments in region
(1) See Add'l Data					
(2)					
(3)					
(4)					
(5)					
3a Sub-total	2	4			1,934,703
b Total from continuation sheets to Part I	0	0			0
c Totals (add lines 3a and 3b)	2	4			1,934,703

Part II **Grants and Other Assistance to Organizations or Entities Outside the United States.** Complete if the organization answered "Yes" to 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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
(1)									
(2)									
(3)									
(4)									

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

3 Enter total number of other organizations or entities ► _____

Part III **Grants and Other Assistance to Individuals Outside the United States.** Complete if the organization answered "Yes" to 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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
(1)							
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(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)* ☐ Yes ☒ No
- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U S Persons with Respect to Certain Foreign Corporations (see Instructions for Form 5471)* ☐ Yes ☒ No
- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621)* ☐ Yes ☒ No
- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U S Persons with Respect to Certain Foreign Partnerships (see Instructions for Form 8865)* ☐ Yes ☒ No
- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see Instructions for Form 5713)* ☐ Yes ☒ No

Additional Data

Software ID:
Software Version:
EIN: 13-1623892
Name: AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

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).

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

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
SOUTH ASIA	1	2	PROGRAM SERVICES	ORGANIZING & CONDUCTING SEMINARS/SPEAKING AT CONFERENCES	156,483
EUROPE (INCLUDING ICELAND & GREENLAND)	0	1	PROGRAM SERVICES	ORGANIZING & CONDUCTING TRAINING PROGRAMS & SEMINARS/SPEAKING AT CONFERENCES	243,088
SOUTH AMERICA	0	0	PROGRAM SERVICES	ORGANIZING & CONDUCTING TRAINING PROGRAMS & SEMINARS/SPEAKING AT CONFERENCES	122,340

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

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
NORTH AMERICA	0	0	PROGRAM SERVICES	ORGANIZING & CONDUCTING SEMINARS/SPEAKING AT CONFERENCES	71,966
EAST ASIA AND THE PACIFIC	1	1	PROGRAM SERVICES	ORGANIZING & CONDUCTING TRAINING PROGRAMS & SEMINARS/SPEAKING AT CONFERENCES	962,549
MIDDLE EAST & NORTH AFRICA	0	0	PROGRAM SERVICES	ORGANIZING & CONDUCTING TRAINING PROGRAMS & SEMINARS/SPEAKING AT CONFERENCES	349,315

Form 990 Schedule F Part I - Activities Outside The United States					
(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
RUSSIA AND NEIGHBORING STATES	0	0	PROGRAM SERVICES	ORGANIZING & CONDUCTING TRAINING PROGRAMS	28,962

SCHEDULE G
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information Regarding
Fundraising or Gaming Activities

Complete if the organization answered "Yes" on Form 990, Part IV, lines 17, 18, or 19, or if the organization entered more than \$15,000 on Form 990-EZ, line 6a
▶ Attach to Form 990 or Form 990-EZ.
▶ Information about Schedule G (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047

2016

Open to Public Inspection

Name of the organization
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

Employer identification number
13-1623892

Part I Fundraising Activities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 17.
Form 990-EZ filers are not required to complete this part.

- 1 Indicate whether the organization raised funds through any of the following activities. Check all that apply.
- a ☒ Mail solicitations

e ☒ Solicitation of non-government grants

b ☒ Internet and email solicitations

f ☒ Solicitation of government grants

c ☐ Phone solicitations

g ☒ Special fundraising events

d ☒ In-person solicitations
- 2a Did the organization have a written or oral agreement with any individual (including officers, directors, trustees or key employees listed in Form 990, Part VII) or entity in connection with professional fundraising services? ☒ Yes ☐ No
- b If "Yes," list the ten highest paid individuals or entities (fundraisers) pursuant to agreements under which the fundraiser is to be compensated at least \$5,000 by the organization.

(i) Name and address of individual or entity (fundraiser)	(ii) Activity	(iii) Did fundraiser have custody or control of contributions?		(iv) Gross receipts from activity	(v) Amount paid to (or retained by) fundraiser listed in col (i)	(vi) Amount paid to (or retained by) organization
		Yes	No			
1 PROJECTS PLUS INC 254 WEST 29TH STREET 5TH FLOOR NEW YORK, NY 10001	PLANNING AND DIRECTING OF ANNUAL GALA		No	350,000	64,500	285,500
2						
3						
4						
5						
6						
7						
8						
9						
10						
Total ▶				350,000	64,500	285,500

3 List all states in which the organization is registered or licensed to solicit contributions or has been notified it is exempt from registration or licensing.

NY, AK, AL, CA, CO, CT, DC, FL, GA, HI, IL, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, NV, NH, NJ, NM, NC, ND, OH, OK, OR, PA, RI, SC, TN, UT, VA, WA, WV, WI, AR

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

Cat No 50083H

Schedule G (Form 990 or 990-EZ) 2016

Part II Fundraising Events. Complete if the organization answered "Yes" on Form 990, Part IV, line 18, or reported more than \$15,000 of fundraising event contributions and gross income on Form 990-EZ, lines 1 and 6b. List events with gross receipts greater than \$5,000.

Revenue		(a) Event #1	(b) Event #2	(c) Other events	(d)
		GALA (event type)	(event type)	(total number)	Total events (add col (a) through col (c))
1	Gross receipts	350,000			350,000
2	Less Contributions	279,274			279,274
3	Gross income (line 1 minus line 2)	70,726			70,726
Direct Expenses	4 Cash prizes				
	5 Noncash prizes				
	6 Rent/facility costs	70,726			70,726
	7 Food and beverages				
	8 Entertainment				
	9 Other direct expenses				
	10 Direct expense summary Add lines 4 through 9 in column (d) ▶				70,726
11 Net income summary Subtract line 10 from line 3, column (d) ▶				0	

Part III Gaming. Complete if the organization answered "Yes" on Form 990, Part IV, line 19, or reported more than \$15,000 on Form 990-EZ, line 6a.

Revenue		(a) Bingo	(b) Pull tabs/Instant bingo/progressive bingo	(c) Other gaming	(d) Total gaming (add col (a) through col (c))
1	Gross revenue				
Direct Expenses	2 Cash prizes				
	3 Noncash prizes				
	4 Rent/facility costs				
	5 Other direct expenses				
6	Volunteer labor	☐ Yes _____ % ☐ No	☐ Yes _____ % ☐ No	☐ Yes _____ % ☐ No	
7	Direct expense summary Add lines 2 through 5 in column (d) ▶				
8	Net gaming income summary Subtract line 7 from line 1, column (d) ▶				

9 Enter the state(s) in which the organization conducts gaming activities _____

a Is the organization licensed to conduct gaming activities in each of these states? ☐ Yes ☐ No

b If "No," explain _____

10a Were any of the organization's gaming licenses revoked, suspended or terminated during the tax year? ☐ Yes ☐ No

b If "Yes," explain _____

- 11** Does the organization conduct gaming activities with nonmembers? ☐ Yes ☐ No
- 12** Is the organization a grantor, beneficiary or trustee of a trust or a member of a partnership or other entity formed to administer charitable gaming? ☐ Yes ☐ No
- 13** Indicate the percentage of gaming activity conducted in
- | | | |
|--------------------------------------|------------|---|
| a The organization's facility | 13a | % |
| b An outside facility | 13b | % |
- 14** Enter the name and address of the person who prepares the organization's gaming/special events books and records

Name ►

Address ►

- 15a** Does the organization have a contract with a third party from whom the organization receives gaming revenue? ☐ Yes ☐ No

- b** If "Yes," enter the amount of gaming revenue received by the organization ► \$ _____ and the amount of gaming revenue retained by the third party ► \$ _____

- c** If "Yes," enter name and address of the third party

Name ►

Address ►

16 Gaming manager information

Name ►

Gaming manager compensation ► \$

Description of services provided ►

☐ Director/officer ☐ Employee ☐ Independent contractor

17 Mandatory distributions

- a** Is the organization required under state law to make charitable distributions from the gaming proceeds to retain the state gaming license? ☐ Yes ☐ No
- b** Enter the amount of distributions required under state law distributed to other exempt organizations or spent in the organization's own exempt activities during the tax year ► \$ _____

Part IV Supplemental Information. Provide the explanations required by Part I, line 2b, columns (iii) and (v); and Part III, lines 9, 9b, 10b, 15b, 15c, 16, and 17b, as applicable. Also complete this part to provide any additional information (see instructions).

Return Reference

Explanation

efile GRAPHIC print - DO NOT PROCESS

As Filed Data -

DLN: 93493221012707

Schedule I
(Form 990)

Department of the Treasury
Internal Revenue Service

Name of the organization
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

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.
▶ Attach to Form 990.

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

OMB No 1545-0047

2016

Open to Public Inspection

Employer identification number
13-1623892

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

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
(1)							
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							
(11)							
(12)							

- 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 ▶ _____

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) SCHOLARSHIPS AND AWARDS TO VARIOUS MEMBERS IN THE FIELD OF CHEMICAL ENGINEERING	386	328,894		N/A	NONE
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					

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

Return Reference	Explanation
PART I, LINE 2	THE AMERICAN INSTITUTE OF CHEMICAL ENGINEERS ("AICHE") ADMINISTERS SEVERAL AWARDS INCLUDING MONETARY PRIZES, CERTIFICATES, PLAQUES, MEDALS, HONORARIA, SCHOLARSHIPS, TRAVEL AWARDS AND INVITED LECTURES SEVERAL OF THESE INCLUDE THE FOLLOWING INSTITUTE AWARDS (AICHE'S MOST PRESTIGIOUS AWARDS - HONORING EMINENT CHEMICAL ENGINEERS FOR ACCOMPLISHMENTS IN RESEARCH AND EDUCATION, ACHIEVEMENTS IN INDUSTRIAL PRACTICE, CONTRIBUTIONS TO THE PROFESSION, AND SERVICE TO SOCIETY THESE AWARDS ARE PRESENTED EACH YEAR AT AICHE'S ANNUAL MEETING BOARD OF DIRECTORS' AWARDS CLOSELY ASSOCIATED WITH THE INSTITUTE AWARDS, BOARD OF DIRECTORS' AWARDS HONOR MEMBERS FOR LIFETIME CONTRIBUTIONS TO THE PROFESSION AND TO THE INSTITUTE BOARD OF DIRECTORS' AWARDS ARE PRESENTED AT AICHE'S ANNUAL MEETING COMMITTEE AWARDS INSTITUTE COMMITTEES GIVE A WIDE RANGE OF AWARDS TO INDIVIDUALS AND GROUPS FOR MEETING PROGRAM CONTRIBUTIONS, PUBLIC OUTREACH, LEADERSHIP, CONTRIBUTIONS TO ENGINEERING DIVERSITY, AND OTHER ACTIVITIES TECHNICAL DIVISION & FORUM AWARDS DIVISION AND FORUM AWARDS HONOR INDIVIDUALS FOR EXCELLENCE IN THEIR TECHNICAL FIELDS A WIDE RANGE OF FIELDS ARE REPRESENTED LOCAL SECTION AWARDS LOCAL SECTION AWARDS RECOGNIZE EXCELLENCE IN PUBLIC AFFAIRS INITIATIVES, EDUCATIONAL PROGRAMS, AND OTHER ACCOMPLISHMENTS STUDENT AWARDS & COMPETITIONS GRANTED TO INDIVIDUALS AND STUDENT CHAPTERS, THESE AWARDS RECOGNIZE ACADEMIC SKILL AND STUDENT CHAPTER ACHIEVEMENTS SCHOLARSHIPS AND COMPETITIONS ARE INCLUDED SOCIETY OF BIOLOGICAL ENGINEERING AWARDS THE SOCIETY OF BIOLOGICAL ENGINEERING PRESENTS FOUR PRESTIGIOUS AWARDS EVERY YEAR AT AICHE'S ANNUAL MEETING AND OTHER VENUES, INCLUDING THE J BAILEY AWARD AND D I C WANG AWARD INTERSOCIETY AND OTHER AWARDS PRESTIGIOUS NATIONAL AND INTERNATIONAL ENGINEERING AWARDS, CO-SPONSORED AND ADMINISTERED BY OTHER ORGANIZATIONS AND ASSOCIATIONS AICHE MAINTAINS RECORDS OF ALL ASSISTANCE MADE FROM THE PRE-AWARD / DUE DILIGENCE PHASE WHICH DETERMINES THE SELECTION OF THE AWARDEE TO THE FINAL PRESENTATION MOST AWARDS ARE MADE POST ACHIEVEMENT

Schedule J (Form 990)	Compensation Information		OMB No 1545-0047
	For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees ▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23. ▶ Attach to Form 990. ▶ Information about Schedule J (Form 990) and its instructions is at www.irs.gov/form990.		2016
			Open to Public Inspection
Department of the Treasury Internal Revenue Service	Name of the organization AMERICAN INSTITUTE OF CHEMICAL ENGINEERS		Employer identification number 13-1623892

Part I Questions Regarding Compensation			Yes	No
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.				
☐ First-class or charter travel ☐ Travel for companions ☒ Tax indemnification and gross-up payments ☐ Discretionary spending account	☐ Housing allowance or residence for personal use ☐ Payments for business use of personal residence ☐ Health or social club dues or initiation fees ☐ Personal services (e.g., maid, chauffeur, chef)			
b If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain.			1b	Yes
2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked in line 1a?			2	Yes
3 Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.				
☒ Compensation committee ☒ Independent compensation consultant ☐ Form 990 of other organizations	☒ Written employment contract ☒ Compensation survey or study ☒ 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?			4a	No
b Participate in, or receive payment from, a supplemental nonqualified retirement plan?			4b	No
c Participate in, or receive payment from, an equity-based compensation arrangement?			4c	No
If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.				
Only 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?			5a	Yes
b Any related organization?			5b	No
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?			6a	Yes
b Any related organization?			6b	No
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 non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III.			7	Yes
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.			8	No
9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?			9	

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

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

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

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

Part III Supplemental Information

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

Return Reference	Explanation
SCHEDULE J, PART I, LINES 1A, 5, 6 AND 7	PART I, QUESTION #1A THE ORGANIZATION MAKES GROSS-UP PAYMENTS IN TWO AREAS 1) THE ESTIMATED PERSONAL USAGE VALUE OF ELECTRONIC DEVICES IS ADDED TO INDIVIDUAL INCOME, AND GROSSED UP FOR TAX PURPOSES, AND 2) THE REIMBURSEMENT OF CERTAIN HOTEL AND TRAVEL EXPENSES IS ADDED TO INDIVIDUAL REPORTED INCOME, AND GROSSED UP FOR TAX PURPOSES PART I, QUESTION #5 THE ORGANIZATION PAID COMPENSATION CONTINGENT ON REVENUES FROM OPERATIONS AND ON THE ADVERTISING SALES LEVEL ACHIEVED BY A SALES PERSON PART I, QUESTION #6 THE ORGANIZATION PAID COMPENSATION CONTINGENT ON THE NET EARNINGS (CHANGE IN NET ASSETS FROM OPERATIONS) OF THE ORGANIZATION PART I, QUESTION #7 THE ORGANIZATION ADDITIONALLY PROVIDED NON-FIXED PAYMENTS CONTINGENT ON THE FOLLOWING A TOTAL NUMBER OF MEMBERS THE ORGANIZATION ENROLLED B SUCCESSFUL ACHIEVEMENT OF AICHE'S GOALS AND OBJECTIVES C DEVELOPING AND LAUNCHING UNDERGRADUATE EDUCATION INITIATIVE IN PROCESS SAFETY D INCREASING THE NUMBER OF SMALL MEETINGS AND WORKSHOPS TO EXPAND ON TECHNICAL AND GLOBAL REACH

Additional Data

Software ID:
Software Version:
EIN: 13-1623892
Name: AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

Form 990, Schedule J, Part II - Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

(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				
1JUNE C WISELWEY EXECUTIVE DIRECTOR	(i)	260,508	98,108	31,664	34,851	33,558	458,689	0
	(ii)	0	0	0	0	0	0	0
1RICHARD CAIN DIRECTOR, FINANCE	(i)	174,591	41,959	37,577	34,940	44,909	333,976	0
	(ii)	0	0	0	0	0	0	0
2ELIZABETH LAWLER DIRECTOR, OPERATIONS	(i)	182,278	40,163	21,011	40,594	31,653	315,699	0
	(ii)	0	0	0	0	0	0	0
3STEPHEN SMITH DIR , PUBLICATIONS & COMMUNICATIONS	(i)	181,058	45,003	29,449	83,473	30,551	369,534	0
	(ii)	0	0	0	0	0	0	0
4CATHY DIANA DIR , HR, FOUNDATION & OFFICE SVCS	(i)	129,445	40,311	8,700	32,401	48,571	259,428	0
	(ii)	0	0	0	0	0	0	0
5KRISTINE CHIN DIRECTOR, CONFERENCES	(i)	153,390	37,113	22,099	31,851	40,616	285,069	0
	(ii)	0	0	0	0	0	0	0
6SHAKEEL KADRI EXECUTIVE DIRECTOR, CCPS	(i)	223,267	48,288	53,796	34,703	43,157	403,211	0
	(ii)	0	0	0	0	0	0	0
7DARLENE SCHUSTER DIRECTOR, TECHNICAL COMMUNITIES	(i)	199,438	43,711	21,721	26,900	26,777	318,547	0
	(ii)	0	0	0	0	0	0	0
8LOUISA NARA CCPS TECHNICAL DIRECTOR	(i)	134,382	21,750	25,618	21,882	26,677	230,309	0
	(ii)	0	0	0	0	0	0	0
9AMIT GUPTA CHIEF INFORMATION OFFICER	(i)	176,487	13,405	6,086	23,970	4,032	223,980	0
	(ii)	0	0	0	0	0	0	0
10JEFFREY WOOD DIRECTOR, MEETINGS	(i)	140,207	11,181	18,551	35,938	29,712	235,589	0
	(ii)	0	0	0	0	0	0	0
11RICHARD SARNIE DIRECTOR, CCPS PROJECTS	(i)	158,176	6,118	9,960	17,987	46,289	238,530	0
	(ii)	0	0	0	0	0	0	0
12DENISE DELUCA MALLON SALES ACCOUNT MANAGER	(i)	83,409	76,665	3,306	31,113	40,870	235,363	0
	(ii)	0	0	0	0	0	0	0

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Name of the organization
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

Supplemental Information to Form 990 or 990-EZ

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

▶ Attach to Form 990 or 990-EZ.

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

OMB No 1545-0047

2016

Open to Public Inspection

Employer identification number

13-1623892

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION A, LINE 4	DURING 2016, THE AICHE CONSTITUTION WAS AMENDED SIGNIFICANT CHANGES INCLUDED THE FOLLOWING 1) THE NUMBER OF POSITIVE VOTES REQUIRED FOR AN AMENDMENT TO BECOME PART OF THE CONSTITUTION THE REQUIREMENT CHANGED FROM 75% OR MORE POSITIVE VOTES FROM AT LEAST 20% OF ELIGIBLE VOTERS TO TWO-THIRDS POSITIVE VOTES OF ALL VOTES RECEIVED, 2) THE NUMBER OF SIGNATURES REQUIRED TO ESTABLISH A PETITION CANDIDACY FOR THE BOARD OR TO SERVE AS AN OFFICER INCREASED FROM 100 MEMBERS TO 2% OF THE VOTING MEMBERSHIP, AND 3) A NEW SECTION WAS ADDED TO THE CONSTITUTION REQUIRING TWO-THIRDS APPROVAL OF THE BOARD OF DIRECTORS FOR DISSOLUTION OF AICHE

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION A, LINE 6	THE ORGANIZATION HAS ABOUT 53,000 MEMBERS THERE ARE NO STOCKHOLDERS

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION A, LINE 7A	THE BOARD OF DIRECTORS, THE ORGANIZATION'S GOVERNING BODY, IS ELECTED BY GENERAL MEMBERSHIP

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION A, LINE 7B	AMENDMENTS TO THE AICHE CONSTITUTION REQUIRE RATIFICATION BY ITS MEMBERSHIP

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 11B	THE DRAFT FORM 990 AND ALL ASSOCIATED SCHEDULES ARE FIRST REVIEWED BY STAFF (EXECUTIVE DIRECTOR, DIRECTOR OF FINANCE AND CONTROLLER) AFTERWARDS, ALL DOCUMENTS ARE EMAILED TO THE ENTIRE BOARD OF DIRECTORS (17 MEMBERS) FOR REVIEW THEY ARE REQUESTED TO CONFIRM RECEIPT OF THE DOCUMENTS BOARD MEMBERS THEN REFER ANY QUESTIONS OR COMMENTS TO THE TREASURER AND CHAIR OF THE AUDIT COMMITTEE THE TREASURER ADDRESSES ISSUES AND COORDINATES MODIFICATIONS AS REQUIRED THE TREASURER AND CHAIR OF THE AUDIT COMMITTEE THEN GIVE THE FINAL APPROVAL TO THE EXECUTIVE DIRECTOR TO FILE THE FORM 990 (WITH COPY TO THE BOARD) THE DOCUMENTS ARE FILED WITH THE IRS

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 12C	OFFICERS, DIRECTORS, AND STAFF, INCLUDING ALL KEY EMPLOYEES, REVIEW THE CONFLICT OF INTEREST POLICY ANNUALLY AND SIGN A FORM INDICATING THAT THEY UNDERSTAND THE POLICY AND WILL ADHERE TO IT WHILE ENGAGED IN ACTIVITIES WITH AICHE. ALL EXCEPTIONS ARE NOTED AND DESCRIBED. THE CHAIR OF THE AUDIT COMMITTEE REVIEWS ALL FORMS FOR COMPLETENESS AND REVIEWS THE EXCEPTIONS FOR POTENTIAL ISSUES.

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 15	THE COMPENSATION COMMITTEE, WHICH IS THE EXECUTIVE COMMITTEE OF THE BOARD OF DIRECTORS PLUS 2 PAST PRESIDENTS, REVIEW THE COMPENSATION OF THE EXECUTIVE DIRECTOR AND KEY EMPLOYEES. AN EXTERNAL COMPENSATION ORGANIZATION IS HIRED TO PERFORM COMPARABILITY STUDIES ON A ROLLING BASIS EVERY 3-4 YEARS. THE COMPENSATION COMMITTEE REVIEWS THE COMPARABILITY REPORT AND APPROVES THE COMPENSATION OF THE EXECUTIVE DIRECTOR. COMPENSATION DECISIONS OF THE COMPENSATION COMMITTEE ARE DOCUMENTED IN A LOGBOOK, APPROVED BY THE SECRETARY AND MAINTAINED BY THE DIRECTOR OF HUMAN RESOURCES. THE COMPENSATION COMMITTEE PROVIDES REPORTS TO THE AICHE BOARD OF DIRECTORS. THE EXECUTIVE DIRECTOR IS RESPONSIBLE FOR SETTING COMPENSATION OF ALL STAFF, INCLUDING KEY EMPLOYEES. THE EXECUTIVE DIRECTOR UTILIZES THIRD PARTY COMPENSATION BENCHMARKING STUDIES TO CONFIRM THAT COMPENSATION IS WITHIN GUIDELINES.

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION C, LINE 19	THE ORGANIZATION'S DOCUMENTS ARE AVAILABLE TO THE PUBLIC AS FOLLOWS 1) GOVERNING DOCUMENTS (CONSTITUTION AND BYLAWS) ARE POSTED ON THE AICHE WEBSITE (WWW AICHE ORG) AND CONTAINED WITHIN THE AICHE ACTIVITIES DIRECTORY, 2) CONFLICT OF INTEREST POLICY IS AVAILABLE ON THE WEBSITE, 3) AUDITED FINANCIAL STATEMENTS ARE AVAILABLE BOTH IN SUMMARY AND COMPLETE VERSIONS ON THE WEBSITE, AND ARE PROVIDED ON REQUEST

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART IX, LINE 11G	OTHER PROFESSIONAL FEES PROGRAM SERVICE EXPENSES 287,019 MANAGEMENT AND GENERAL EXPENSES 169,973 FUNDRAISING EXPENSES 12,517 TOTAL EXPENSES 469,509 PROJECT CONSULTANTS PROGRAM SERVICE EXPENSES 491,081 MANAGEMENT AND GENERAL EXPENSES 0 FUNDRAISING EXPENSES 0 TOTAL EXPENSES 491,081 PROGRAM SERVICE EXPENSES PROGRAM SERVICE EXPENSES 1,549,812 MANAGEMENT AND GENERAL EXPENSES 0 FUNDRAISING EXPENSES 0 TOTAL EXPENSES 1,549,812 GENERAL CONSULTANT PROGRAM SERVICE EXPENSES 950,670 MANAGEMENT AND GENERAL EXPENSES 0 FUNDRAISING EXPENSES 126,997 TOTAL EXPENSES 1,077,667 SERVICES - HONORARIA PROGRAM SERVICE EXPENSES 616,897 MANAGEMENT AND GENERAL EXPENSES 0 FUNDRAISING EXPENSES 0 TOTAL EXPENSES 616,897

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART XI, LINE 9	PENSION RELATED CHANGES OTHER THAN NET PERIODIC PENSION COST 283,913 POSTRETIREMENT RELAT ED CHANGES OTHER THAN NET PERIODIC POSTRETIREMENT COST 633,178

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART XII LINE 2C	THE PROCESS HAS NOT CHANGED FROM THE PRIOR YEAR