

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

Go to [www.irs.gov/Form990](http://www.irs.gov/Form990) for instructions and the latest information.

OMB No 1545-0047  
**2018**  
Open to Public Inspection

**A For the 2019 calendar year, or tax year beginning 10-01-2018, and ending 09-30-2019**

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

**C** Name of organization  
CALIFORNIA INSTITUTE OF TECHNOLOGY

% MATTHEW W BREWER  
Doing business as

Number and street (or P O box if mail is not delivered to street address) Room/suite  
1200 EAST CALIFORNIA BLVD 234-6

City or town, state or province, country, and ZIP or foreign postal code  
PASADENA, CA 91125

**D** Employer identification number  
95-1643307

**E** Telephone number  
(626) 395-6744

**G** Gross receipts \$ 4,401,778,000

**F** Name and address of principal officer  
DR THOMAS F ROSENBAUM  
1200 EAST CALIFORNIA BLVD  
PASADENA, CA 91125

**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.caltech.edu

**K** Form of organization  Corporation  Trust  Association  Other ▶

**L** Year of formation 1891

**M** State of legal domicile CA

## Part I Summary

**1** Briefly describe the organization's mission or most significant activities  
SEE SCHEDULE O

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

|                                                                                        |           |           |
|----------------------------------------------------------------------------------------|-----------|-----------|
| <b>3</b> Number of voting members of the governing body (Part VI, line 1a)             | <b>3</b>  | 71        |
| <b>4</b> Number of independent voting members of the governing body (Part VI, line 1b) | <b>4</b>  | 62        |
| <b>5</b> Total number of individuals employed in calendar year 2018 (Part V, line 2a)  | <b>5</b>  | 11,825    |
| <b>6</b> Total number of volunteers (estimate if necessary)                            | <b>6</b>  | 399       |
| <b>7a</b> Total unrelated business revenue from Part VIII, column (C), line 12         | <b>7a</b> | 2,599,000 |
| <b>b</b> Net unrelated business taxable income from Form 990-T, line 34                | <b>7b</b> | 0         |

|                                                                                            | Prior Year    | Current Year  |
|--------------------------------------------------------------------------------------------|---------------|---------------|
| <b>8</b> Contributions and grants (Part VIII, line 1h)                                     | 378,769,000   | 398,568,000   |
| <b>9</b> Program service revenue (Part VIII, line 2g)                                      | 2,923,389,000 | 3,025,998,000 |
| <b>10</b> Investment income (Part VIII, column (A), lines 3, 4, and 7d)                    | 211,564,000   | 257,977,000   |
| <b>11</b> Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)         | 1,859,000     | 2,752,000     |
| <b>12</b> Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12) | 3,515,581,000 | 3,685,295,000 |

|                                                                                             |               |               |
|---------------------------------------------------------------------------------------------|---------------|---------------|
| <b>13</b> Grants and similar amounts paid (Part IX, column (A), lines 1-3)                  | 88,216,000    | 93,411,000    |
| <b>14</b> Benefits paid to or for members (Part IX, column (A), line 4)                     | 0             | 0             |
| <b>15</b> Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10) | 1,522,798,000 | 1,584,255,000 |
| <b>16a</b> Professional fundraising fees (Part IX, column (A), line 11e)                    | 0             | 0             |
| <b>b</b> Total fundraising expenses (Part IX, column (D), line 25) ▶ 10,842,000             |               |               |
| <b>17</b> Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)                      | 1,835,024,000 | 1,863,596,000 |
| <b>18</b> Total expenses Add lines 13-17 (must equal Part IX, column (A), line 25)          | 3,446,038,000 | 3,541,262,000 |
| <b>19</b> Revenue less expenses Subtract line 18 from line 12                               | 69,543,000    | 144,033,000   |

|                                                                     | Beginning of Current Year | End of Year   |
|---------------------------------------------------------------------|---------------------------|---------------|
| <b>20</b> Total assets (Part X, line 16)                            | 5,593,996,000             | 5,596,206,000 |
| <b>21</b> Total liabilities (Part X, line 26)                       | 2,387,966,000             | 2,401,332,000 |
| <b>22</b> Net assets or fund balances Subtract line 21 from line 20 | 3,206,030,000             | 3,194,874,000 |

## Part II Signature Block

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

**Sign Here** Signature of officer: \*\*\*\*\* Date: 2020-08-10  
MATTHEW W BREWER CONTROLLER  
Type or print name and title

**Paid Preparer Use Only**  
Print/Type preparer's name: Preparer's signature: Date: 2020-08-07  
Check  if self-employed PTIN: P01441612  
Firm's name: PricewaterhouseCoopers LLP Firm's EIN:  
Firm's address: 101 SEAPORT BLVD SUITE 500 BOSTON, MA 02210 Phone no: (617) 530-5000

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

SEE SCHEDULE O

**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

|           |                     |              |             |                        |              |             |               |
|-----------|---------------------|--------------|-------------|------------------------|--------------|-------------|---------------|
| <b>4a</b> | (Code )             | (Expenses \$ | 388,084,000 | including grants of \$ | 93,297,000 ) | (Revenue \$ | 193,598,000 ) |
|           | See Additional Data |              |             |                        |              |             |               |

|           |                     |              |             |                        |     |             |              |
|-----------|---------------------|--------------|-------------|------------------------|-----|-------------|--------------|
| <b>4b</b> | (Code )             | (Expenses \$ | 257,983,000 | including grants of \$ | 0 ) | (Revenue \$ | 37,084,000 ) |
|           | See Additional Data |              |             |                        |     |             |              |

|           |                     |              |               |                        |     |             |                 |
|-----------|---------------------|--------------|---------------|------------------------|-----|-------------|-----------------|
| <b>4c</b> | (Code )             | (Expenses \$ | 2,744,953,000 | including grants of \$ | 0 ) | (Revenue \$ | 2,744,953,000 ) |
|           | See Additional Data |              |               |                        |     |             |                 |

|           |                                                  |            |                        |           |             |              |  |
|-----------|--------------------------------------------------|------------|------------------------|-----------|-------------|--------------|--|
| <b>4d</b> | Other program services (Describe in Schedule O ) |            |                        |           |             |              |  |
|           | (Expenses \$                                     | 39,267,000 | including grants of \$ | 114,000 ) | (Revenue \$ | 50,363,000 ) |  |

|           |                                         |               |  |  |  |  |  |
|-----------|-----------------------------------------|---------------|--|--|--|--|--|
| <b>4e</b> | <b>Total program service expenses</b> ▶ | 3,430,287,000 |  |  |  |  |  |
|-----------|-----------------------------------------|---------------|--|--|--|--|--|

Part IV Checklist of Required Schedules

Table with 3 columns: Question ID, Question Text, Yes, No. Rows include questions 1 through 22 regarding organizational requirements, lobbying, and financial reporting.

**Part IV Checklist of Required Schedules** (continued)

|            |                                                                                                                                                                                                                                                                                                                                                                | Yes | No  |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| <b>23</b>  | 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> . . . . . <input checked="" type="checkbox"/>                                                      | 23  | Yes |
| <b>24a</b> | 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> . . . . . <input checked="" type="checkbox"/>                            | 24a | Yes |
| <b>b</b>   | Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception? . . . . .                                                                                                                                                                                                                                                    | 24b | No  |
| <b>c</b>   | Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds? . . . . .                                                                                                                                                                                                           | 24c | No  |
| <b>d</b>   | Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year? . . . . .                                                                                                                                                                                                                                              | 24d | No  |
| <b>25a</b> | <b>Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations.</b> 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> . . . . . <input checked="" type="checkbox"/>                                                                                         | 25a | No  |
| <b>b</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> . . . . . <input checked="" type="checkbox"/>                                       | 25b | No  |
| <b>26</b>  | 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> . . . . . <input checked="" type="checkbox"/>                                 | 26  | No  |
| <b>27</b>  | 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> . . . . . <input checked="" type="checkbox"/> | 27  | Yes |
| <b>28</b>  | 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)                                                                                                                                                                   |     |     |
| <b>a</b>   | A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i> . . . . . <input checked="" type="checkbox"/>                                                                                                                                                                                                   | 28a | No  |
| <b>b</b>   | A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i> . . . . . <input checked="" type="checkbox"/>                                                                                                                                                                                | 28b | Yes |
| <b>c</b>   | 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> . . . . . <input checked="" type="checkbox"/>                                                                                    | 28c | Yes |
| <b>29</b>  | Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i> . . . . . <input checked="" type="checkbox"/>                                                                                                                                                                                                  | 29  | Yes |
| <b>30</b>  | Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i> . . . . . <input checked="" type="checkbox"/>                                                                                                                                  | 30  | No  |
| <b>31</b>  | Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i> . . . . .                                                                                                                                                                                                                            | 31  | No  |
| <b>32</b>  | 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> . . . . .                                                                                                                                                                                                          | 32  | No  |
| <b>33</b>  | 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> . . . . . <input checked="" type="checkbox"/>                                                                                                                      | 33  | Yes |
| <b>34</b>  | 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> . . . . . <input checked="" type="checkbox"/>                                                                                                                                                                  | 34  | Yes |
| <b>35a</b> | Did the organization have a controlled entity within the meaning of section 512(b)(13)?                                                                                                                                                                                                                                                                        | 35a | Yes |
| <b>b</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> . . . . . <input checked="" type="checkbox"/>                                                                                         | 35b | Yes |
| <b>36</b>  | <b>Section 501(c)(3) organizations.</b> Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i> . . . . . <input checked="" type="checkbox"/>                                                                                                                           | 36  | No  |
| <b>37</b>  | 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> <input checked="" type="checkbox"/>                                                                                       | 37  | No  |
| <b>38</b>  | Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? <b>Note.</b> All Form 990 filers are required to complete Schedule O . . . . .                                                                                                                                                                  | 38  | Yes |

**Part V Statements Regarding Other IRS Filings and Tax Compliance**

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

|           |                                                                                                                                                                    | Yes | No    |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|
| <b>1a</b> | Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable . . . . .                                                                             | 1a  | 2,031 |
| <b>b</b>  | Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable . . . . .                                                                          | 1b  | 0     |
| <b>c</b>  | Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners? . . . . . | 1c  | Yes   |

|                                                                                                                                                                                                                                                                       |                   |               |           |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|-----------|--|--|
| <p><b>2a</b> 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 . . . . .</p>                                                              | <p><b>2a</b></p>  | <p>11,825</p> |           |  |  |
| <p><b>b</b> If at least one is reported on line 2a, did the organization file all required federal employment tax returns? <b>Note.</b>If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions)</p>                        | <p><b>2b</b></p>  | <p>Yes</p>    |           |  |  |
| <p><b>3a</b> Did the organization have unrelated business gross income of \$1,000 or more during the year? . . . . .</p>                                                                                                                                              | <p><b>3a</b></p>  | <p>Yes</p>    |           |  |  |
| <p><b>b</b> If "Yes," has it filed a Form 990-T for this year? If "No" to line 3b, provide an explanation in Schedule O . . . . .</p>                                                                                                                                 | <p><b>3b</b></p>  | <p>Yes</p>    |           |  |  |
| <p><b>4a</b> 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)? . . . . .</p> | <p><b>4a</b></p>  | <p>Yes</p>    |           |  |  |
| <p><b>b</b> If "Yes," enter the name of the foreign country ▶ <u>CI</u><br/>See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR)</p>                                                                    |                   |               |           |  |  |
| <p><b>5a</b> Was the organization a party to a prohibited tax shelter transaction at any time during the tax year? . . . . .</p>                                                                                                                                      | <p><b>5a</b></p>  |               | <p>No</p> |  |  |
| <p><b>b</b> Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?</p>                                                                                                                                      | <p><b>5b</b></p>  |               | <p>No</p> |  |  |
| <p><b>c</b> If "Yes," to line 5a or 5b, did the organization file Form 8886-T? . . . . .</p>                                                                                                                                                                          | <p><b>5c</b></p>  |               |           |  |  |
| <p><b>6a</b> 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? . . . . .</p>                                    | <p><b>6a</b></p>  |               | <p>No</p> |  |  |
| <p><b>b</b> If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible? . . . . .</p>                                                                                               | <p><b>6b</b></p>  |               |           |  |  |
| <p><b>7 Organizations that may receive deductible contributions under section 170(c).</b></p>                                                                                                                                                                         |                   |               |           |  |  |
| <p><b>a</b> 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? . . . . .</p>                                                                                             | <p><b>7a</b></p>  |               | <p>No</p> |  |  |
| <p><b>b</b> If "Yes," did the organization notify the donor of the value of the goods or services provided? . . . . .</p>                                                                                                                                             | <p><b>7b</b></p>  |               |           |  |  |
| <p><b>c</b> Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282? . . . . .</p>                                                                                                        | <p><b>7c</b></p>  |               | <p>No</p> |  |  |
| <p><b>d</b> If "Yes," indicate the number of Forms 8282 filed during the year . . . . .</p>                                                                                                                                                                           | <p><b>7d</b></p>  |               |           |  |  |
| <p><b>e</b> Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?</p>                                                                                                                                       | <p><b>7e</b></p>  |               | <p>No</p> |  |  |
| <p><b>f</b> Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract? . . . . .</p>                                                                                                                                | <p><b>7f</b></p>  |               | <p>No</p> |  |  |
| <p><b>g</b> If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required? . . . . .</p>                                                                                                            | <p><b>7g</b></p>  |               |           |  |  |
| <p><b>h</b> If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C? . . . . .</p>                                                                                                          | <p><b>7h</b></p>  |               |           |  |  |
| <p><b>8 Sponsoring organizations maintaining donor advised funds.</b></p>                                                                                                                                                                                             |                   |               |           |  |  |
| <p>Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year? . . . . .</p>                                                                                                                        | <p><b>8</b></p>   |               |           |  |  |
| <p><b>9a</b> Did the sponsoring organization make any taxable distributions under section 4966? . . . . .</p>                                                                                                                                                         | <p><b>9a</b></p>  |               |           |  |  |
| <p><b>b</b> Did the sponsoring organization make a distribution to a donor, donor advisor, or related person? . . . . .</p>                                                                                                                                           | <p><b>9b</b></p>  |               |           |  |  |
| <p><b>10 Section 501(c)(7) organizations.</b> Enter</p>                                                                                                                                                                                                               |                   |               |           |  |  |
| <p><b>a</b> Initiation fees and capital contributions included on Part VIII, line 12 . . . . .</p>                                                                                                                                                                    | <p><b>10a</b></p> |               |           |  |  |
| <p><b>b</b> Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities</p>                                                                                                                                                           | <p><b>10b</b></p> |               |           |  |  |
| <p><b>11 Section 501(c)(12) organizations.</b> Enter</p>                                                                                                                                                                                                              |                   |               |           |  |  |
| <p><b>a</b> Gross income from members or shareholders . . . . .</p>                                                                                                                                                                                                   | <p><b>11a</b></p> |               |           |  |  |
| <p><b>b</b> Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them ) . . . . .</p>                                                                                                                | <p><b>11b</b></p> |               |           |  |  |
| <p><b>12a Section 4947(a)(1) non-exempt charitable trusts.</b> Is the organization filing Form 990 in lieu of Form 1041?</p>                                                                                                                                          |                   |               |           |  |  |
| <p><b>b</b> If "Yes," enter the amount of tax-exempt interest received or accrued during the year</p>                                                                                                                                                                 | <p><b>12b</b></p> |               |           |  |  |
| <p><b>13 Section 501(c)(29) qualified nonprofit health insurance issuers.</b></p>                                                                                                                                                                                     |                   |               |           |  |  |
| <p><b>a</b> Is the organization licensed to issue qualified health plans in more than one state? <b>Note.</b> See the instructions for additional information the organization must report on Schedule O</p>                                                          | <p><b>13a</b></p> |               |           |  |  |
| <p><b>b</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 . . . . .</p>                                                                                   | <p><b>13b</b></p> |               |           |  |  |
| <p><b>c</b> Enter the amount of reserves on hand . . . . .</p>                                                                                                                                                                                                        | <p><b>13c</b></p> |               |           |  |  |
| <p><b>14a</b> Did the organization receive any payments for indoor tanning services during the tax year? . . . . .</p>                                                                                                                                                | <p><b>14a</b></p> |               | <p>No</p> |  |  |
| <p><b>b</b> If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O . . . . .</p>                                                                                                                                   | <p><b>14b</b></p> |               |           |  |  |
| <p><b>15</b> Is the organization subject to the section 4960 tax on payment(s) of more than \$1,000,000 in remuneration or excess parachute payment(s) during the year? If "Yes," see instructions and file Form 4720, Schedule N . . . . .</p>                       | <p><b>15</b></p>  |               | <p>No</p> |  |  |
| <p><b>16</b> Is the organization an educational institution subject to the section 4968 excise tax on net investment income? If "Yes," complete Form 4720, Schedule O . . . . .</p>                                                                                   | <p><b>16</b></p>  | <p>Yes</p>    |           |  |  |

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

Table with 3 columns: Question, Yes, No. Rows include: 1a Enter the number of voting members of the governing body at the end of the tax year (71); 1b Enter the number of voting members included in line 1a, above, who are independent (62); 2 Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee? (Yes); 3 Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors or trustees, or key employees to a management company or other person? (No); 4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed? (No); 5 Did the organization become aware during the year of a significant diversion of the organization's assets? (No); 6 Did the organization have members or stockholders? (No); 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? (No); 7b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body? (No); 8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following: a The governing body? (Yes); b Each committee with authority to act on behalf of the governing body? (Yes); 9 Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O (No)

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

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

Section C. Disclosure

Table with 2 columns: Question, Answer. Rows include: 17 List the States with which a copy of this Form 990 is required to be filed (CA, IL); 18 Section 6104 requires an organization to make its Form 1023 (or 1024-A 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 (MATTHEW W BREWER 1200 EAST CALIFORNIA BLVD 234-6 pasadena, CA 91125 (626) 395-8818)

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

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

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

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

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

List persons in the following order individual trustees or directors, institutional trustees, officers, key employees, highest compensated employees, and former such persons

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

| (A)<br>Name and Title     | (B)<br>Average hours per week (list any hours for related organizations below dotted line) | (C)<br>Position (do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W-2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W-2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|---------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|----------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                           |                                                                                            | Individual trustee or director                                                                            | Institutional Trustee | Officer | Key employee | Highest compensated employee | Former |                                                                      |                                                                           |                                                                                               |
| See Additional Data Table |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |
|                           |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |
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|                           |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |
|                           |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |

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

| (A)<br>Name and Title     | (B)<br>Average hours per week (list any hours for related organizations below dotted line) | (C)<br>Position (do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W-2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W-2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|---------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|----------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                           |                                                                                            | Individual trustee or director                                                                            | Institutional Trustee | Officer | Key employee | Highest compensated employee | Former |                                                                      |                                                                           |                                                                                               |
| See Additional Data Table |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |
|                           |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |
|                           |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |
|                           |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |
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|                           |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |
|                           |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |
|                           |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |
|                           |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |
|                           |                                                                                            |                                                                                                           |                       |         |              |                              |        |                                                                      |                                                                           |                                                                                               |

|                                                                           |  |            |   |
|---------------------------------------------------------------------------|--|------------|---|
| <b>1b Sub-Total</b> . . . . .                                             |  |            |   |
| <b>1c Total from continuation sheets to Part VII, Section A</b> . . . . . |  |            |   |
| <b>1d Total (add lines 1b and 1c)</b> . . . . .                           |  | 11,925,362 | 0 |

**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 ▶ **4,983**

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

**Section B. Independent Contractors**

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

| (A)<br>Name and business address                                                                | (B)<br>Description of services | (C)<br>Compensation |
|-------------------------------------------------------------------------------------------------|--------------------------------|---------------------|
| BALL AEROSPACE TECHNOLOGIES CORP,<br>33306 COLLECTION CENTER DRIVE<br>CHICAGO, IL 609930333     | AEROSPACE                      | 166,975,240         |
| APPLIED PHYSICS LABORATORY,<br>11100 JOHNS HOPKINS ROAD<br>LAUREL, MD 207236099                 | RESEARCH & DEVELOP             | 102,088,583         |
| LOCKHEED MARTIN CORP,<br>12257 SOUTH WADSWORTH BLVD<br>LITTLETON, CO 801258500                  | AEROSPACE                      | 65,977,430          |
| COLUMBUS TECHNOLOGIES AND SERVICES,<br>1960 EAST GRAND AVENUE SUITE 100<br>EL SEGUNDO, CA 90245 | INFORMATION TECH               | 51,087,096          |
| PERATON INC,<br>12975 WORLDGATE DRIVE<br>HERNDON, VA 201706008                                  | INFORMATION TECH               | 39,396,769          |

**2** Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization ▶ **1,138**



**Part VIII Statement of Revenue**

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

|                                                               |                                                                                         | (A)<br>Total revenue | (B)<br>Related or<br>exempt<br>function<br>revenue | (C)<br>Unrelated<br>business<br>revenue | (D)<br>Revenue<br>excluded from<br>tax under sections<br>512 - 514 |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------|----------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------|
| <b>Contributions, Gifts, Grants and Other Similar Amounts</b> | <b>1a</b> Federated campaigns . . . . .                                                 | <b>1a</b>            |                                                    |                                         |                                                                    |
|                                                               | <b>b</b> Membership dues . . . . .                                                      | <b>1b</b>            |                                                    |                                         |                                                                    |
|                                                               | <b>c</b> Fundraising events . . . . .                                                   | <b>1c</b>            |                                                    |                                         |                                                                    |
|                                                               | <b>d</b> Related organizations . . . . .                                                | <b>1d</b>            |                                                    |                                         |                                                                    |
|                                                               | <b>e</b> Government grants (contributions)                                              | <b>1e</b>            | 266,815,000                                        |                                         |                                                                    |
|                                                               | <b>f</b> All other contributions, gifts, grants, and similar amounts not included above | <b>1f</b>            | 131,753,000                                        |                                         |                                                                    |
|                                                               | <b>g</b> Noncash contributions included in lines 1a - 1f \$ _____                       |                      | 11,425,777                                         |                                         |                                                                    |
|                                                               | <b>h Total.</b> Add lines 1a-1f . . . . .                                               |                      | 398,568,000                                        |                                         |                                                                    |

| <b>Program Service Revenue</b>            |                                            |  | Business Code |               |               |           |            |
|-------------------------------------------|--------------------------------------------|--|---------------|---------------|---------------|-----------|------------|
|                                           | <b>2a</b> JPL AND OTHER AWARDS             |  | 900099        | 2,840,833,000 | 2,840,833,000 |           |            |
|                                           | <b>b</b> STUDENT TUITION                   |  | 611600        | 127,613,000   | 127,613,000   |           |            |
|                                           | <b>c</b> USE OF FACILITIES                 |  | 900099        | 7,189,000     | 7,189,000     |           |            |
|                                           | <b>d</b> AUXILIARY ENTERPRISES             |  | 900099        | 50,363,000    | 29,380,000    | 4,196,000 | 16,787,000 |
|                                           | <b>e</b> _____                             |  |               |               |               |           |            |
|                                           | <b>f</b> All other program service revenue |  |               |               |               |           |            |
| <b>g Total.</b> Add lines 2a-2f . . . . . |                                            |  | 3,025,998,000 |               |               |           |            |

|                                                                              |                                                                                                                                             |                                                      |               |               |           |             |             |  |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------|---------------|-----------|-------------|-------------|--|
| <b>Other Revenue</b>                                                         | <b>3</b> Investment income (including dividends, interest, and other similar amounts) . . . . .                                             |                                                      |               | 58,006,000    |           | -1,745,000  | 59,751,000  |  |
|                                                                              | <b>4</b> Income from investment of tax-exempt bond proceeds . . . . .                                                                       |                                                      |               | 0             |           |             |             |  |
|                                                                              | <b>5</b> Royalties . . . . .                                                                                                                |                                                      |               | 2,419,000     |           |             | 2,419,000   |  |
|                                                                              | <b>6a</b> Gross rents                                                                                                                       | (i) Real                                             | (ii) Personal |               |           |             |             |  |
|                                                                              |                                                                                                                                             | 189,000                                              |               |               |           |             |             |  |
|                                                                              |                                                                                                                                             | <b>b</b> Less rental expenses                        | 4,000         |               |           |             |             |  |
|                                                                              |                                                                                                                                             | <b>c</b> Rental income or (loss)                     | 185,000       | 0             |           |             |             |  |
|                                                                              | <b>d</b> Net rental income or (loss) . . . . .                                                                                              |                                                      |               | 185,000       |           |             | 185,000     |  |
|                                                                              | <b>7a</b> Gross amount from sales of assets other than inventory                                                                            | (i) Securities                                       | (ii) Other    |               |           |             |             |  |
|                                                                              |                                                                                                                                             | 914,138,000                                          | 2,312,000     |               |           |             |             |  |
|                                                                              |                                                                                                                                             | <b>b</b> Less cost or other basis and sales expenses | 714,875,000   | 1,604,000     |           |             |             |  |
|                                                                              |                                                                                                                                             | <b>c</b> Gain or (loss)                              | 199,263,000   | 708,000       |           |             |             |  |
|                                                                              | <b>d</b> Net gain or (loss) . . . . .                                                                                                       |                                                      |               | 199,971,000   |           |             | 199,971,000 |  |
|                                                                              | <b>8a</b> Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18 . . . . . | <b>a</b>                                             |               | 0             |           |             |             |  |
|                                                                              |                                                                                                                                             | <b>b</b> Less direct expenses . . . . .              | <b>b</b>      | 0             |           |             |             |  |
| <b>c</b> Net income or (loss) from fundraising events . . . . .              |                                                                                                                                             |                                                      |               | 0             |           |             |             |  |
| <b>9a</b> Gross income from gaming activities See Part IV, line 19 . . . . . | <b>a</b>                                                                                                                                    |                                                      | 0             |               |           |             |             |  |
|                                                                              | <b>b</b> Less direct expenses . . . . .                                                                                                     | <b>b</b>                                             | 0             |               |           |             |             |  |
|                                                                              | <b>c</b> Net income or (loss) from gaming activities . . . . .                                                                              |                                                      |               | 0             |           |             |             |  |
| <b>10a</b> Gross sales of inventory, less returns and allowances . . . . .   | <b>a</b>                                                                                                                                    |                                                      | 0             |               |           |             |             |  |
|                                                                              | <b>b</b> Less cost of goods sold . . . . .                                                                                                  | <b>b</b>                                             | 0             |               |           |             |             |  |
|                                                                              | <b>c</b> Net income or (loss) from sales of inventory . . . . .                                                                             |                                                      |               | 0             |           |             |             |  |
| Miscellaneous Revenue                                                        |                                                                                                                                             | Business Code                                        |               |               |           |             |             |  |
| <b>11a</b> ADVERTISING & FILMING                                             |                                                                                                                                             | 900099                                               | 148,000       |               | 148,000   |             |             |  |
| <b>b</b> _____                                                               |                                                                                                                                             |                                                      |               |               |           |             |             |  |
| <b>c</b> _____                                                               |                                                                                                                                             |                                                      |               |               |           |             |             |  |
| <b>d</b> All other revenue . . . . .                                         |                                                                                                                                             |                                                      |               |               |           |             |             |  |
| <b>e Total.</b> Add lines 11a-11d . . . . .                                  |                                                                                                                                             |                                                      | 148,000       |               |           |             |             |  |
| <b>12 Total revenue.</b> See Instructions . . . . .                          |                                                                                                                                             |                                                      | 3,685,295,000 | 3,005,015,000 | 2,599,000 | 279,113,000 |             |  |

**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)<br>Total expenses | (B)<br>Program service expenses | (C)<br>Management and general expenses | (D)<br>Fundraising expenses |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|----------------------------------------|-----------------------------|
| <b>1</b> Grants and other assistance to domestic organizations and domestic governments See Part IV, line 21                                                                                                                                     | 114,000               | 114,000                         |                                        |                             |
| <b>2</b> Grants and other assistance to domestic individuals See Part IV, line 22                                                                                                                                                                | 93,039,000            | 93,039,000                      |                                        |                             |
| <b>3</b> Grants and other assistance to foreign organizations, foreign governments, and foreign individuals See Part IV, line 15 and 16                                                                                                          | 258,000               | 258,000                         |                                        |                             |
| <b>4</b> Benefits paid to or for members                                                                                                                                                                                                         | 0                     |                                 |                                        |                             |
| <b>5</b> Compensation of current officers, directors, trustees, and key employees                                                                                                                                                                | 9,060,000             | 3,065,000                       | 5,898,000                              | 97,000                      |
| <b>6</b> Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)                                                                                           | 3,517,000             | 2,504,000                       | 693,000                                | 320,000                     |
| <b>7</b> Other salaries and wages                                                                                                                                                                                                                | 1,275,423,000         | 1,230,189,000                   | 35,054,000                             | 10,180,000                  |
| <b>8</b> Pension plan accruals and contributions (include section 401 (k) and 403(b) employer contributions)                                                                                                                                     | 122,268,000           | 118,318,000                     | 2,997,000                              | 953,000                     |
| <b>9</b> Other employee benefits                                                                                                                                                                                                                 | 93,026,000            | 82,900,000                      | 7,415,000                              | 2,711,000                   |
| <b>10</b> Payroll taxes                                                                                                                                                                                                                          | 80,961,000            | 78,088,000                      | 2,227,000                              | 646,000                     |
| <b>11</b> Fees for services (non-employees)                                                                                                                                                                                                      |                       |                                 |                                        |                             |
| <b>a</b> Management                                                                                                                                                                                                                              | 0                     |                                 |                                        |                             |
| <b>b</b> Legal                                                                                                                                                                                                                                   | 15,311,000            | 5,465,000                       | 9,846,000                              |                             |
| <b>c</b> Accounting                                                                                                                                                                                                                              | 1,067,000             |                                 | 1,067,000                              |                             |
| <b>d</b> Lobbying                                                                                                                                                                                                                                | 397,000               |                                 | 397,000                                |                             |
| <b>e</b> Professional fundraising services See Part IV, line 17                                                                                                                                                                                  | 0                     |                                 |                                        |                             |
| <b>f</b> Investment management fees                                                                                                                                                                                                              | 9,478,000             |                                 | 9,478,000                              |                             |
| <b>g</b> Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O)                                                                                                                              | 20,593,000            | 14,797,000                      | 4,906,000                              | 890,000                     |
| <b>12</b> Advertising and promotion                                                                                                                                                                                                              | 388,000               | 170,000                         | 139,000                                | 79,000                      |
| <b>13</b> Office expenses                                                                                                                                                                                                                        | 420,495,000           | 411,373,000                     | 6,421,000                              | 2,701,000                   |
| <b>14</b> Information technology                                                                                                                                                                                                                 | 6,171,000             | 3,494,000                       | 2,668,000                              | 9,000                       |
| <b>15</b> Royalties                                                                                                                                                                                                                              | 204,000               | 170,000                         | 34,000                                 |                             |
| <b>16</b> Occupancy                                                                                                                                                                                                                              | 48,175,000            | 41,259,000                      | 6,297,000                              | 619,000                     |
| <b>17</b> Travel                                                                                                                                                                                                                                 | 36,300,000            | 35,624,000                      | 285,000                                | 391,000                     |
| <b>18</b> Payments of travel or entertainment expenses for any federal, state, or local public officials                                                                                                                                         | 0                     |                                 |                                        |                             |
| <b>19</b> Conferences, conventions, and meetings                                                                                                                                                                                                 | 12,888,000            | 12,206,000                      | 542,000                                | 140,000                     |
| <b>20</b> Interest                                                                                                                                                                                                                               | 42,664,000            | 41,364,000                      | 1,013,000                              | 287,000                     |
| <b>21</b> Payments to affiliates                                                                                                                                                                                                                 | 0                     |                                 |                                        |                             |
| <b>22</b> Depreciation, depletion, and amortization                                                                                                                                                                                              | 74,117,000            | 70,586,000                      | 2,752,000                              | 779,000                     |
| <b>23</b> Insurance                                                                                                                                                                                                                              | 4,018,000             | 4,014,000                       | 4,000                                  |                             |
| <b>24</b> 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.)                                       |                       |                                 |                                        |                             |
| <b>a</b> CONTRACT SERVICES                                                                                                                                                                                                                       | 1,109,086,000         | 1,109,086,000                   |                                        |                             |
| <b>b</b> JPL POST EMPLOYMENT OBLIGATION                                                                                                                                                                                                          | 72,204,000            | 72,204,000                      |                                        |                             |
| <b>c</b> ENDOWMENT RECOVERY                                                                                                                                                                                                                      | -9,960,000            |                                 |                                        | -9,960,000                  |
| <b>d</b>                                                                                                                                                                                                                                         |                       |                                 |                                        |                             |
| <b>e</b> All other expenses                                                                                                                                                                                                                      |                       |                                 |                                        |                             |
| <b>25</b> Total functional expenses. Add lines 1 through 24e                                                                                                                                                                                     | 3,541,262,000         | 3,430,287,000                   | 100,133,000                            | 10,842,000                  |
| <b>26</b> Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720) |                       |                                 |                                        |                             |

**Part X Balance Sheet**

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

|                                                                               |                                                                                                                                                                                                                                                                                                                                                 | (A)<br>Beginning of year |               | (B)<br>End of year |               |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------|--------------------|---------------|
| <b>Assets</b>                                                                 | <b>1</b> Cash—non-interest-bearing . . . . .                                                                                                                                                                                                                                                                                                    | 0                        | <b>1</b>      | 0                  |               |
|                                                                               | <b>2</b> Savings and temporary cash investments . . . . .                                                                                                                                                                                                                                                                                       | 194,985,000              | <b>2</b>      | 354,830,000        |               |
|                                                                               | <b>3</b> Pledges and grants receivable, net . . . . .                                                                                                                                                                                                                                                                                           | 192,228,000              | <b>3</b>      | 148,314,000        |               |
|                                                                               | <b>4</b> Accounts receivable, net . . . . .                                                                                                                                                                                                                                                                                                     | 398,694,000              | <b>4</b>      | 374,846,000        |               |
|                                                                               | <b>5</b> Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees Complete Part II of Schedule L . . . . .                                                                                                                                                           | 0                        | <b>5</b>      | 0                  |               |
|                                                                               | <b>6</b> Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions) Complete Part II of Schedule L . . . . . | 0                        | <b>6</b>      | 0                  |               |
|                                                                               | <b>7</b> Notes and loans receivable, net . . . . .                                                                                                                                                                                                                                                                                              | 2,756,220                | <b>7</b>      | 2,692,997          |               |
|                                                                               | <b>8</b> Inventories for sale or use . . . . .                                                                                                                                                                                                                                                                                                  | 0                        | <b>8</b>      | 0                  |               |
|                                                                               | <b>9</b> Prepaid expenses and deferred charges . . . . .                                                                                                                                                                                                                                                                                        | 498,251,000              | <b>9</b>      | 569,267,000        |               |
|                                                                               | <b>10a</b> Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D                                                                                                                                                                                                                                                    | 2,139,446,000            |               |                    |               |
|                                                                               | <b>b</b> Less accumulated depreciation                                                                                                                                                                                                                                                                                                          | 1,068,679,000            | 1,004,120,000 | <b>10c</b>         | 1,070,767,000 |
|                                                                               | <b>11</b> Investments—publicly traded securities . . . . .                                                                                                                                                                                                                                                                                      | 1,527,791,000            | <b>11</b>     | 1,336,209,000      |               |
|                                                                               | <b>12</b> Investments—other securities See Part IV, line 11 . . . . .                                                                                                                                                                                                                                                                           | 1,775,170,780            | <b>12</b>     | 1,739,280,003      |               |
|                                                                               | <b>13</b> Investments—program-related See Part IV, line 11 . . . . .                                                                                                                                                                                                                                                                            | 0                        | <b>13</b>     | 0                  |               |
|                                                                               | <b>14</b> Intangible assets . . . . .                                                                                                                                                                                                                                                                                                           | 0                        | <b>14</b>     | 0                  |               |
|                                                                               | <b>15</b> Other assets See Part IV, line 11 . . . . .                                                                                                                                                                                                                                                                                           | 0                        | <b>15</b>     | 0                  |               |
| <b>16 Total assets.</b> Add lines 1 through 15 (must equal line 34) . . . . . | 5,593,996,000                                                                                                                                                                                                                                                                                                                                   | <b>16</b>                | 5,596,206,000 |                    |               |
| <b>Liabilities</b>                                                            | <b>17</b> Accounts payable and accrued expenses . . . . .                                                                                                                                                                                                                                                                                       | 662,009,000              | <b>17</b>     | 682,609,000        |               |
|                                                                               | <b>18</b> Grants payable . . . . .                                                                                                                                                                                                                                                                                                              | 0                        | <b>18</b>     | 0                  |               |
|                                                                               | <b>19</b> Deferred revenue . . . . .                                                                                                                                                                                                                                                                                                            | 35,065,000               | <b>19</b>     | 31,836,000         |               |
|                                                                               | <b>20</b> Tax-exempt bond liabilities . . . . .                                                                                                                                                                                                                                                                                                 | 195,000,000              | <b>20</b>     | 195,000,000        |               |
|                                                                               | <b>21</b> Escrow or custodial account liability Complete Part IV of Schedule D                                                                                                                                                                                                                                                                  | 91,750,000               | <b>21</b>     | 88,896,000         |               |
|                                                                               | <b>22</b> Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons Complete Part II of Schedule L . . . . .                                                                                                                                         | 0                        | <b>22</b>     | 0                  |               |
|                                                                               | <b>23</b> Secured mortgages and notes payable to unrelated third parties . . . . .                                                                                                                                                                                                                                                              | 0                        | <b>23</b>     | 0                  |               |
|                                                                               | <b>24</b> Unsecured notes and loans payable to unrelated third parties . . . . .                                                                                                                                                                                                                                                                | 1,046,610,000            | <b>24</b>     | 981,092,000        |               |
|                                                                               | <b>25</b> 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                                                                                                                                                                | 357,532,000              | <b>25</b>     | 421,899,000        |               |
|                                                                               | <b>26 Total liabilities.</b> Add lines 17 through 25 . . . . .                                                                                                                                                                                                                                                                                  | 2,387,966,000            | <b>26</b>     | 2,401,332,000      |               |
| <b>Net Assets or Fund Balances</b>                                            | <b>Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.</b>                                                                                                                                                                                      |                          |               |                    |               |
|                                                                               | <b>27</b> Unrestricted net assets                                                                                                                                                                                                                                                                                                               | 583,369,000              | <b>27</b>     | 486,982,000        |               |
|                                                                               | <b>28</b> Temporarily restricted net assets . . . . .                                                                                                                                                                                                                                                                                           | 907,350,000              | <b>28</b>     | 876,456,000        |               |
|                                                                               | <b>29</b> Permanently restricted net assets                                                                                                                                                                                                                                                                                                     | 1,715,311,000            | <b>29</b>     | 1,831,436,000      |               |
|                                                                               | <b>Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.</b>                                                                                                                                                                                                               |                          |               |                    |               |
|                                                                               | <b>30</b> Capital stock or trust principal, or current funds . . . . .                                                                                                                                                                                                                                                                          |                          | <b>30</b>     |                    |               |
|                                                                               | <b>31</b> Paid-in or capital surplus, or land, building or equipment fund . . . . .                                                                                                                                                                                                                                                             |                          | <b>31</b>     |                    |               |
|                                                                               | <b>32</b> Retained earnings, endowment, accumulated income, or other funds                                                                                                                                                                                                                                                                      |                          | <b>32</b>     |                    |               |
| <b>33</b> Total net assets or fund balances . . . . .                         | 3,206,030,000                                                                                                                                                                                                                                                                                                                                   | <b>33</b>                | 3,194,874,000 |                    |               |
| <b>34</b> Total liabilities and net assets/fund balances . . . . .            | 5,593,996,000                                                                                                                                                                                                                                                                                                                                   | <b>34</b>                | 5,596,206,000 |                    |               |

**Part XI Reconciliation of Net Assets**

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

|           |                                                                                                               |           |               |
|-----------|---------------------------------------------------------------------------------------------------------------|-----------|---------------|
| <b>1</b>  | Total revenue (must equal Part VIII, column (A), line 12) . . . . .                                           | <b>1</b>  | 3,685,295,000 |
| <b>2</b>  | Total expenses (must equal Part IX, column (A), line 25) . . . . .                                            | <b>2</b>  | 3,541,262,000 |
| <b>3</b>  | Revenue less expenses Subtract line 2 from line 1 . . . . .                                                   | <b>3</b>  | 144,033,000   |
| <b>4</b>  | Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A)) . . . . .           | <b>4</b>  | 3,206,030,000 |
| <b>5</b>  | Net unrealized gains (losses) on investments . . . . .                                                        | <b>5</b>  | -91,159,000   |
| <b>6</b>  | Donated services and use of facilities . . . . .                                                              | <b>6</b>  |               |
| <b>7</b>  | Investment expenses . . . . .                                                                                 | <b>7</b>  |               |
| <b>8</b>  | Prior period adjustments . . . . .                                                                            | <b>8</b>  |               |
| <b>9</b>  | Other changes in net assets or fund balances (explain in Schedule O) . . . . .                                | <b>9</b>  | -64,030,000   |
| <b>10</b> | Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B)) | <b>10</b> | 3,194,874,000 |

**Part XII Financial Statements and Reporting**

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

- 1** Accounting method used to prepare the Form 990  Cash  Accrual  Other \_\_\_\_\_  
 If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O
- 2a** Were the organization's financial statements compiled or reviewed by an independent accountant?  
 If 'Yes,' check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both  
 Separate basis  Consolidated basis  Both consolidated and separate basis
- b** Were the organization's financial statements audited by an independent accountant?  
 If 'Yes,' check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both  
 Separate basis  Consolidated basis  Both consolidated and separate basis
- c** If "Yes," to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant?  
 If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O
- 3a** As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?
- b** If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits

|           | Yes | No |
|-----------|-----|----|
| <b>2a</b> |     | No |
| <b>2b</b> | Yes |    |
| <b>2c</b> | Yes |    |
| <b>3a</b> | Yes |    |
| <b>3b</b> | Yes |    |

## Additional Data

**Software ID:**

**Software Version:**

**EIN:** 95-1643307

**Name:** CALIFORNIA INSTITUTE OF TECHNOLOGY

Form 990 (2018)

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**Form 990, Part III, Line 4a:**

INSTRUCTION, SCHOLARSHIPS, FELLOWSHIPS, AND OTHER STUDENT AID

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**Form 990, Part III, Line 4b:**

ORGANIZED RESEARCH AT THE CAMPUS

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**Form 990, Part III, Line 4c:**

SPONSORED RESEARCH AT THE JET PROPULSION LABORATORY

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

| (A)<br>Name and Title                  | (B)<br>Average hours per week (list any hours for related organizations below dotted line) | (C)<br>Position (do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W- 2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W- 2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|----------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|-----------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                        |                                                                                            | Individual trustee or director                                                                            | Institutional Trustee | Officer | Key employee | Highest compensated employee | Former |                                                                       |                                                                            |                                                                                               |
| SPENCER ABRAHAM<br>.....<br>TRUSTEE    | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| WILLIAM A AHMANSON<br>.....<br>TRUSTEE | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| SEAN BAILEY<br>.....<br>TRUSTEE        | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| BARBARA M BARRETT<br>.....<br>TRUSTEE  | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| REBECKA BELLDEGRUN<br>.....<br>TRUSTEE | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| SABEER BHATIA<br>.....<br>TRUSTEE      | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| GORDON M BINDER<br>.....<br>TRUSTEE    | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| ROBERT C BONNER<br>.....<br>TRUSTEE    | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| LYNN A BOOTH<br>.....<br>TRUSTEE       | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| BRIGITTE M BREN<br>.....<br>TRUSTEE    | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |



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

| (A)<br>Name and Title                 | (B)<br>Average hours per week (list any hours for related organizations below dotted line) | (C)<br>Position (do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W- 2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W- 2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|---------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|-----------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                       |                                                                                            | Individual trustee or director                                                                            | Institutional Trustee | Officer | Key employee | Highest compensated employee | Former |                                                                       |                                                                            |                                                                                               |
| JANET C CAMPAGNA<br>.....<br>TRUSTEE  | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| MILTON M CHANG<br>.....<br>TRUSTEE    | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| DAVID E CHAVEZ<br>.....<br>TRUSTEE    | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| JOHN S CHEN<br>.....<br>TRUSTEE       | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| WENCHI CHEN<br>.....<br>TRUSTEE       | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| PEGGY T CHERNG<br>.....<br>TRUSTEE    | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| ROBERT B CHESS<br>.....<br>TRUSTEE    | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| WILLIAM H DAVIDOW<br>.....<br>TRUSTEE | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| DAVID T DREIER<br>.....<br>TRUSTEE    | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| LOUNETTE M DYER<br>.....<br>TRUSTEE   | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |

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

| (A)<br>Name and Title                     | (B)<br>Average hours per week (list any hours for related organizations below dotted line) | (C)<br>Position (do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W- 2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W- 2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|-------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|-----------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                           |                                                                                            | Individual trustee or director                                                                            | Institutional Trustee | Officer | Key employee | Highest compensated employee | Former |                                                                       |                                                                            |                                                                                               |
| THOMAS E EVERHART<br>.....<br>TRUSTEE     | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| JOSHUA S FRIEDMAN<br>.....<br>TRUSTEE     | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| WILLIAM T GROSS<br>.....<br>TRUSTEE       | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| NARENDRA K GUPTA<br>.....<br>TRUSTEE      | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| B KIPLING HAGOPIAN<br>.....<br>TRUSTEE    | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| FREDERICK J HAMEETMAN<br>.....<br>TRUSTEE | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| DAVID D HO<br>.....<br>TRUSTEE            | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| MARIA D HUMMER-TUTTLE<br>.....<br>TRUSTEE | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| BOBBY R INMAN<br>.....<br>TRUSTEE         | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| ROBERT T JENKINS<br>.....<br>TRUSTEE      | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |

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

| (A)<br>Name and Title                    | (B)<br>Average hours per week (list any hours for related organizations below dotted line) | (C)<br>Position (do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W- 2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W- 2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|-----------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                          |                                                                                            | Individual trustee or director                                                                            | Institutional Trustee | Officer | Key employee | Highest compensated employee | Former |                                                                       |                                                                            |                                                                                               |
| ANN STIMMLER JOHNSON<br>.....<br>TRUSTEE | 10<br>.....<br>00                                                                          | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| G BRADFORD JONES<br>.....<br>TRUSTEE     | 10<br>.....<br>00                                                                          | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| PETER D KAUFMAN<br>.....<br>TRUSTEE      | 10<br>.....<br>00                                                                          | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| LOUISE KIRKBRIDE<br>.....<br>TRUSTEE     | 10<br>.....<br>00                                                                          | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| WALTER G KORTSCHAK<br>.....<br>TRUSTEE   | 10<br>.....<br>00                                                                          | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| KENT KRESA<br>.....<br>TRUSTEE           | 10<br>.....<br>00                                                                          | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| JON B KUTLER<br>.....<br>TRUSTEE         | 10<br>.....<br>00                                                                          | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| TAYLOR W LAWRENCE<br>.....<br>TRUSTEE    | 10<br>.....<br>00                                                                          | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| DAVID LI LEE<br>.....<br>CHAIR/TRUSTEE   | 10<br>.....<br>00                                                                          | X                                                                                                         |                       | X       |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| LI LU<br>.....<br>TRUSTEE                | 10<br>.....<br>00                                                                          | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |

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

| (A)<br>Name and Title                               | (B)<br>Average hours per week (list any hours for related organizations below dotted line) | (C)<br>Position (do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W- 2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W- 2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|-----------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                                     |                                                                                            | Individual trustee or director                                                                            | Institutional Trustee | Officer | Key employee | Highest compensated employee | Former |                                                                       |                                                                            |                                                                                               |
| ALEXANDER LIDOW<br>.....<br>TRUSTEE                 | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| RONALD K LINDE<br>.....<br>VICE CHAIR/TRUSTEE       | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       | X       |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| A MICHAEL LIPPER<br>.....<br>TRUSTEE                | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| ANDREW N LIVERIS<br>.....<br>TRUSTEE (UNTIL 7/2019) | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| SHIRLEY M MALCOM<br>.....<br>TRUSTEE                | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| MICH J MATHEWS-SPRADLIN<br>.....<br>TRUSTEE         | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| DEBORAH D MCWHINNEY<br>.....<br>TRUSTEE             | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| ALEXANDER R MEHRAN SR<br>.....<br>TRUSTEE           | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| RICHARD N MERKIN<br>.....<br>TRUSTEE                | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| KENNETH G MOORE<br>.....<br>TRUSTEE                 | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |

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

| (A)<br>Name and Title                               | (B)<br>Average hours per week (list any hours for related organizations below dotted line) | (C)<br>Position (do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W- 2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W- 2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|-----------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                                     |                                                                                            | Individual trustee or director                                                                            | Institutional Trustee | Officer | Key employee | Highest compensated employee | Former |                                                                       |                                                                            |                                                                                               |
| MICHAEL G MULLEN<br>.....<br>TRUSTEE (AS OF 4/2019) | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| PHILIP M NECHES<br>.....<br>TRUSTEE                 | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| PATRICK H NETTLES JR<br>.....<br>TRUSTEE            | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| PETER NORTON<br>.....<br>TRUSTEE                    | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| RONALD L OLSON<br>.....<br>TRUSTEE                  | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| STEPHEN R ONDERDONK<br>.....<br>TRUSTEE             | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| PEDRO J PIZARRO<br>.....<br>TRUSTEE                 | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| DAVID E I PYOTT<br>.....<br>TRUSTEE                 | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| EDUARDO A REPETTO<br>.....<br>TRUSTEE               | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| STEWART A RESNICK<br>.....<br>TRUSTEE               | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |

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

| (A)<br>Name and Title                              | (B)<br>Average hours per week (list any hours for related organizations below dotted line) | (C)<br>Position (do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W- 2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W- 2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|----------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|-----------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                                    |                                                                                            | Individual trustee or director                                                                            | Institutional Trustee | Officer | Key employee | Highest compensated employee | Former |                                                                       |                                                                            |                                                                                               |
| NELSON C RISING<br>.....<br>TRUSTEE (UNTIL 1/2019) | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| RICHARD H SCHELLER<br>.....<br>TRUSTEE             | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| TIMOTHY L SLOAN<br>.....<br>TRUSTEE                | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| DONALD W TANG<br>.....<br>TRUSTEE                  | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| KEVIN M TAWHEEL<br>.....<br>TRUSTEE                | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| DAVID W THOMPSON<br>.....<br>TRUSTEE               | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| CHARLES R TRIMBLE<br>.....<br>TRUSTEE              | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| LEWIS W VAN AMERONGEN<br>.....<br>TRUSTEE          | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| WALTER L WEISMAN<br>.....<br>TRUSTEE               | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| GAYLE E WILSON<br>.....<br>TRUSTEE                 | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |

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

| (A)<br>Name and Title                                   | (B)<br>Average hours per week (list any hours for related organizations below dotted line) | (C)<br>Position (do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W- 2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W- 2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|-----------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                                         |                                                                                            | Individual trustee or director                                                                            | Institutional Trustee | Officer | Key employee | Highest compensated employee | Former |                                                                       |                                                                            |                                                                                               |
| RICHMOND A WOLF<br>.....<br>TRUSTEE                     | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| SUZANNE H WOOLSEY<br>.....<br>TRUSTEE                   | 1 0<br>.....<br>0 0                                                                        | X                                                                                                         |                       |         |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| THOMAS F ROSENBAUM<br>.....<br>PRESIDENT/TRUSTEE        | 40 0<br>.....<br>0 0                                                                       | X                                                                                                         |                       | X       |              |                              |        | 1,100,328                                                             | 0                                                                          | 109,057                                                                                       |
| MATTHEW W BREWER<br>.....<br>CONTROLLER                 | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 266,813                                                               | 0                                                                          | 65,779                                                                                        |
| DIANA JERGOVIC<br>.....<br>VP Strategy Implementation   | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 387,220                                                               | 0                                                                          | 40,574                                                                                        |
| BRIAN KEITH LEE<br>.....<br>SEE SCHEDULE O              | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 585,804                                                               | 0                                                                          | 60,749                                                                                        |
| MADLINE WAY LEE<br>.....<br>ASSISTANT TREASURER         | 32 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 156,875                                                               | 0                                                                          | 43,615                                                                                        |
| SHARON E PATTERSON<br>.....<br>Assoc VP For Fin & Treas | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 384,514                                                               | 0                                                                          | 60,860                                                                                        |
| SCOTT H RICHLAND<br>.....<br>CHIEF INVESTMENT OFFICER   | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 1,094,256                                                             | 0                                                                          | 734,439                                                                                       |
| JOSEPH E SHEPHERD<br>.....<br>VP STUDENT AFFAIRS        | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 336,621                                                               | 0                                                                          | 67,809                                                                                        |

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

| (A)<br>Name and Title                                       | (B)<br>Average hours per week (list any hours for related organizations below dotted line) | (C)<br>Position (do not check more than one box, unless person is both an officer and a director/trustee) |                       |         |              |                              |        | (D)<br>Reportable compensation from the organization (W- 2/1099-MISC) | (E)<br>Reportable compensation from related organizations (W- 2/1099-MISC) | (F)<br>Estimated amount of other compensation from the organization and related organizations |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|---------|--------------|------------------------------|--------|-----------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                                             |                                                                                            | Individual trustee or director                                                                            | Institutional Trustee | Officer | Key employee | Highest compensated employee | Former |                                                                       |                                                                            |                                                                                               |
| DEXTER A BAILEY<br>.....<br>VP ADV & ALUMNI REL AS OF 6/19  | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 0                                                                     | 0                                                                          | 0                                                                                             |
| MARY L WEBSTER<br>.....<br>SECRETARY OF BOARD OF TRUSTEES   | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 172,396                                                               | 0                                                                          | 41,897                                                                                        |
| JENNIFER T LUM<br>.....<br>GENERAL COUNSEL AS OF 09/19      | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 303,339                                                               | 0                                                                          | 90,260                                                                                        |
| VICTORIA D STRATMAN<br>.....<br>GENERAL COUNSEL UNTIL 08/19 | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 538,641                                                               | 0                                                                          | 57,969                                                                                        |
| MARGARET A STEURBAUT<br>.....<br>VP ADMIN & CFO             | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 671,645                                                               | 0                                                                          | 55,832                                                                                        |
| MICHAEL M WATKINS<br>.....<br>VP & DIR, JPL                 | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 723,230                                                               | 0                                                                          | 55,064                                                                                        |
| CAROL J SCHUIL<br>.....<br>EA TO PRES/ASST SEC              | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 204,958                                                               | 0                                                                          | 47,854                                                                                        |
| DAVID A TIRRELL<br>.....<br>PROVOST                         | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       | X       |              |                              |        | 568,856                                                               | 0                                                                          | 54,402                                                                                        |
| LARRY DEAN JAMES<br>.....<br>DEPUTY DIRECTOR OF JPL         | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       |         | X            |                              |        | 597,212                                                               | 0                                                                          | 44,229                                                                                        |
| RENE FRADET<br>.....<br>CFO OF JPL                          | 40 0<br>.....<br>0 0                                                                       |                                                                                                           |                       |         | X            |                              |        | 391,952                                                               | 0                                                                          | 123,123                                                                                       |





**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.  
 Go to [www.irs.gov/Form990](http://www.irs.gov/Form990) for the latest information.

**2018**

**Open to Public Inspection**

Department of the Treasury  
Internal Revenue Service

Name of the organization

CALIFORNIA INSTITUTE OF TECHNOLOGY

Employer identification number

95-1643307

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

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

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

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

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

(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<br>(or fiscal year beginning in) ▶                                                                                                                                                             | (a) 2014    | (b) 2015    | (c) 2016    | (d) 2017    | (e) 2018    | (f) Total     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|---------------|
| <b>1</b> Gifts, grants, contributions, and membership fees received (Do not include any "unusual grant.")                                                                                                    | 481,336,000 | 534,535,000 | 509,166,000 | 378,769,000 | 398,568,000 | 2,302,374,000 |
| <b>2</b> Tax revenues levied for the organization's benefit and either paid to or expended on its behalf                                                                                                     |             |             |             |             |             | 0             |
| <b>3</b> The value of services or facilities furnished by a governmental unit to the organization without charge                                                                                             |             |             |             |             |             | 0             |
| <b>4 Total.</b> Add lines 1 through 3                                                                                                                                                                        | 481,336,000 | 534,535,000 | 509,166,000 | 378,769,000 | 398,568,000 | 2,302,374,000 |
| <b>5</b> 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) |             |             |             |             |             | 198,780,421   |
| <b>6 Public support.</b> Subtract line 5 from line 4                                                                                                                                                         |             |             |             |             |             | 2,103,593,579 |

**Section B. Total Support**

| Calendar year<br>(or fiscal year beginning in) ▶                                                                                        | (a)2014     | (b)2015     | (c)2016     | (d)2017     | (e)2018     | (f)Total      |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|---------------|
| <b>7</b> Amounts from line 4                                                                                                            | 481,336,000 | 534,535,000 | 509,166,000 | 378,769,000 | 398,568,000 | 2,302,374,000 |
| <b>8</b> Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources | 43,670,000  | 44,415,000  | 51,450,000  | 57,078,000  | 60,614,000  | 257,227,000   |
| <b>9</b> Net income from unrelated business activities, whether or not the business is regularly carried on                             |             |             |             |             |             | 0             |
| <b>10</b> Other income Do not include gain or loss from the sale of capital assets (Explain in Part VI.)                                |             |             |             |             |             | 0             |
| <b>11 Total support.</b> Add lines 7 through 10                                                                                         |             |             |             |             |             | 2,559,601,000 |

**12** Gross receipts from related activities, etc (see instructions) **12** 11,777,198,000

**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**

|                                                                                                  |           |          |
|--------------------------------------------------------------------------------------------------|-----------|----------|
| <b>14</b> Public support percentage for 2018 (line 6, column (f) divided by line 11, column (f)) | <b>14</b> | 82.184 % |
| <b>15</b> Public support percentage for 2017 Schedule A, Part II, line 14                        | <b>15</b> | 86.620 % |

**16a 33 1/3% support test—2018.** 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—2017.** 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—2018.** 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—2017.** 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<br>(or fiscal year beginning in) ► |                                                                                                                                                                          | (a) 2014 | (b) 2015 | (c) 2016 | (d) 2017 | (e) 2018 | (f) Total |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|-----------|
| <b>1</b>                                         | Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")                                                                        |          |          |          |          |          |           |
| <b>2</b>                                         | 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 |          |          |          |          |          |           |
| <b>3</b>                                         | Gross receipts from activities that are not an unrelated trade or business under section 513                                                                             |          |          |          |          |          |           |
| <b>4</b>                                         | Tax revenues levied for the organization's benefit and either paid to or expended on its behalf                                                                          |          |          |          |          |          |           |
| <b>5</b>                                         | The value of services or facilities furnished by a governmental unit to the organization without charge                                                                  |          |          |          |          |          |           |
| <b>6</b>                                         | <b>Total.</b> Add lines 1 through 5                                                                                                                                      |          |          |          |          |          |           |
| <b>7a</b>                                        | Amounts included on lines 1, 2, and 3 received from disqualified persons                                                                                                 |          |          |          |          |          |           |
| <b>b</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           |          |          |          |          |          |           |
| <b>c</b>                                         | Add lines 7a and 7b                                                                                                                                                      |          |          |          |          |          |           |
| <b>8</b>                                         | <b>Public support.</b> (Subtract line 7c from line 6)                                                                                                                    |          |          |          |          |          |           |

**Section B. Total Support**

| Calendar year<br>(or fiscal year beginning in) ► |                                                                                                                                | (a) 2014 | (b) 2015 | (c) 2016 | (d) 2017 | (e) 2018 | (f) Total |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|-----------|
| <b>9</b>                                         | Amounts from line 6                                                                                                            |          |          |          |          |          |           |
| <b>10a</b>                                       | Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources |          |          |          |          |          |           |
| <b>b</b>                                         | Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975                        |          |          |          |          |          |           |
| <b>c</b>                                         | Add lines 10a and 10b                                                                                                          |          |          |          |          |          |           |
| <b>11</b>                                        | Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on    |          |          |          |          |          |           |
| <b>12</b>                                        | Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)                                |          |          |          |          |          |           |
| <b>13</b>                                        | <b>Total support.</b> (Add lines 9, 10c, 11, and 12.)                                                                          |          |          |          |          |          |           |

**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**

|           |                                                                                        |           |  |
|-----------|----------------------------------------------------------------------------------------|-----------|--|
| <b>15</b> | Public support percentage for 2018 (line 8, column (f) divided by line 13, column (f)) | <b>15</b> |  |
| <b>16</b> | Public support percentage from 2017 Schedule A, Part III, line 15                      | <b>16</b> |  |

**Section D. Computation of Investment Income Percentage**

|           |                                                                                                    |           |  |
|-----------|----------------------------------------------------------------------------------------------------|-----------|--|
| <b>17</b> | Investment income percentage for <b>2018</b> (line 10c, column (f) divided by line 13, column (f)) | <b>17</b> |  |
| <b>18</b> | Investment income percentage from <b>2017</b> Schedule A, Part III, line 17                        | <b>18</b> |  |

**19a 33 1/3% support tests—2018.** 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—2017.** 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 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| <b>1</b> Are all of the organization's supported organizations listed by name in the organization's governing documents? If "No," describe in <b>Part VI</b> how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.                                                                                                                                                                                                                 |     |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |    |
| <b>2</b> Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in <b>Part VI</b> how the organization determined that the supported organization was described in section 509(a)(1) or (2).                                                                                                                                                                                                                                              |     |    |
| <b>2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |    |
| <b>3a</b> Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer (b) and (c) below.                                                                                                                                                                                                                                                                                                                                                                                               |     |    |
| <b>3a</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>b</b> Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in <b>Part VI</b> when and how the organization made the determination.                                                                                                                                                                                                                                                            |     |    |
| <b>3b</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>c</b> Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in <b>Part VI</b> what controls the organization put in place to ensure such use.                                                                                                                                                                                                                                                                                                     |     |    |
| <b>3c</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>4a</b> Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes" and if you checked 12a or 12b in Part I, answer (b) and (c) below.                                                                                                                                                                                                                                                                                                                                                 |     |    |
| <b>4a</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>b</b> Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? If "Yes," describe in <b>Part VI</b> how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.                                                                                                                                                                                                         |     |    |
| <b>4b</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>c</b> Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If "Yes," explain in <b>Part VI</b> 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.                                                                                                                                                                            |     |    |
| <b>4c</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>5a</b> Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in <b>Part VI</b> , 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). |     |    |
| <b>5a</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>b</b> <b>Type I or Type II only.</b> Was any added or substituted supported organization part of a class already designated in the organization's organizing document?                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>5b</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>c</b> <b>Substitutions only.</b> Was the substitution the result of an event beyond the organization's control?                                                                                                                                                                                                                                                                                                                                                                                                                          |     |    |
| <b>5c</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>6</b> Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? If "Yes," provide detail in <b>Part VI</b> .                                                          |     |    |
| <b>6</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |    |
| <b>7</b> Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).                                                                                                                                                                                               |     |    |
| <b>7</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |    |
| <b>8</b> Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).                                                                                                                                                                                                                                                                                                                                                      |     |    |
| <b>8</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |    |
| <b>9a</b> Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? If "Yes," provide detail in <b>Part VI</b> .                                                                                                                                                                                                                                      |     |    |
| <b>9a</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>b</b> Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? If "Yes," provide detail in <b>Part VI</b> .                                                                                                                                                                                                                                                                                                                          |     |    |
| <b>9b</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>c</b> Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? If "Yes," provide detail in <b>Part VI</b> .                                                                                                                                                                                                                                                                                               |     |    |
| <b>9c</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |
| <b>10a</b> Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? If "Yes," answer line 10b below.                                                                                                                                                                                                                                                      |     |    |
| <b>10a</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |    |
| <b>b</b> Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)                                                                                                                                                                                                                                                                                                                                                           |     |    |
| <b>10b</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |    |

**Part IV Supporting Organizations** (continued)

|           |                                                                                                                                                                     | Yes | No |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| <b>11</b> | Has the organization accepted a gift or contribution from any of the following persons?                                                                             |     |    |
| <b>a</b>  | 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>b</b>  | A family member of a person described in (a) above?                                                                                                                 |     |    |
| <b>c</b>  | 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>                                         |     |    |

**Section B. Type I Supporting Organizations**

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes | No |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| <b>1</b> | 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> |     |    |
| <b>2</b> | Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? <i>If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised or controlled the supporting organization.</i>                                                                                                                                                                                                                                                                              |     |    |

**Section C. Type II Supporting Organizations**

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

**Section D. All Type III Supporting Organizations**

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes | No |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| <b>1</b> | 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? |     |    |
| <b>2</b> | 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>                                                                                                                      |     |    |
| <b>3</b> | 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>                                                                                          |     |    |

**Section E. Type III Functionally-Integrated Supporting Organizations**

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>1</b> | Check the box next to the method that the organization used to satisfy the Integral Part Test during the year ( <b>see instructions</b> )                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| <b>a</b> | <input type="checkbox"/> The organization satisfied the Activities Test. Complete <b>line 2</b> below.                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |
| <b>b</b> | <input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete <b>line 3</b> below.                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
| <b>c</b> | <input type="checkbox"/> The organization supported a governmental entity. Describe in <b>Part VI</b> how you supported a government entity (see instructions).                                                                                                                                                                                                                                                                                                                                                                |  |  |
| <b>2</b> | Activities Test <b>Answer (a) and (b) below.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
| <b>a</b> | Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? <i>If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.</i> |  |  |
| <b>b</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>                                                                                                                              |  |  |
| <b>3</b> | Parent of Supported Organizations <b>Answer (a) and (b) below.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| <b>a</b> | 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>                                                                                                                                                                                                                                                                                                                                |  |  |
| <b>b</b> | Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? <i>If "Yes," describe in Part VI the role played by the organization in this regard.</i>                                                                                                                                                                                                                                                                                    |  |  |

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

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

| <b>Section A - Adjusted Net Income</b>  |                                                                                                                                                                                                          | (A) Prior Year | (B) Current Year (optional) |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------|
| <b>1</b>                                | Net short-term capital gain                                                                                                                                                                              | <b>1</b>       |                             |
| <b>2</b>                                | Recoveries of prior-year distributions                                                                                                                                                                   | <b>2</b>       |                             |
| <b>3</b>                                | Other gross income (see instructions)                                                                                                                                                                    | <b>3</b>       |                             |
| <b>4</b>                                | Add lines 1 through 3                                                                                                                                                                                    | <b>4</b>       |                             |
| <b>5</b>                                | Depreciation and depletion                                                                                                                                                                               | <b>5</b>       |                             |
| <b>6</b>                                | 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) | <b>6</b>       |                             |
| <b>7</b>                                | Other expenses (see instructions)                                                                                                                                                                        | <b>7</b>       |                             |
| <b>8</b>                                | <b>Adjusted Net Income</b> (subtract lines 5, 6 and 7 from line 4)                                                                                                                                       | <b>8</b>       |                             |
| <b>Section B - Minimum Asset Amount</b> |                                                                                                                                                                                                          | (A) Prior Year | (B) Current Year (optional) |
| <b>1</b>                                | Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year)                                                                           | <b>1</b>       |                             |
| <b>a</b>                                | Average monthly value of securities                                                                                                                                                                      | <b>1a</b>      |                             |
| <b>b</b>                                | Average monthly cash balances                                                                                                                                                                            | <b>1b</b>      |                             |
| <b>c</b>                                | Fair market value of other non-exempt-use assets                                                                                                                                                         | <b>1c</b>      |                             |
| <b>d</b>                                | <b>Total</b> (add lines 1a, 1b, and 1c)                                                                                                                                                                  | <b>1d</b>      |                             |
| <b>e</b>                                | <b>Discount</b> claimed for blockage or other factors (explain in detail in Part VI)                                                                                                                     |                |                             |
| <b>2</b>                                | Acquisition indebtedness applicable to non-exempt use assets                                                                                                                                             | <b>2</b>       |                             |
| <b>3</b>                                | Subtract line 2 from line 1d                                                                                                                                                                             | <b>3</b>       |                             |
| <b>4</b>                                | Cash deemed held for exempt use. Enter 1-1/2% of line 3 (for greater amount, see instructions)                                                                                                           | <b>4</b>       |                             |
| <b>5</b>                                | Net value of non-exempt-use assets (subtract line 4 from line 3)                                                                                                                                         | <b>5</b>       |                             |
| <b>6</b>                                | Multiply line 5 by .035                                                                                                                                                                                  | <b>6</b>       |                             |
| <b>7</b>                                | Recoveries of prior-year distributions                                                                                                                                                                   | <b>7</b>       |                             |
| <b>8</b>                                | <b>Minimum Asset Amount</b> (add line 7 to line 6)                                                                                                                                                       | <b>8</b>       |                             |
| <b>Section C - Distributable Amount</b> |                                                                                                                                                                                                          |                | Current Year                |
| <b>1</b>                                | Adjusted net income for prior year (from Section A, line 8, Column A)                                                                                                                                    | <b>1</b>       |                             |
| <b>2</b>                                | Enter 85% of line 1                                                                                                                                                                                      | <b>2</b>       |                             |
| <b>3</b>                                | Minimum asset amount for prior year (from Section B, line 8, Column A)                                                                                                                                   | <b>3</b>       |                             |
| <b>4</b>                                | Enter greater of line 2 or line 3                                                                                                                                                                        | <b>4</b>       |                             |
| <b>5</b>                                | Income tax imposed in prior year                                                                                                                                                                         | <b>5</b>       |                             |
| <b>6</b>                                | <b>Distributable Amount.</b> Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)                                                                             | <b>6</b>       |                             |
| <b>7</b>                                | <input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions)                                 |                |                             |

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

| <b>Section D - Distributions</b>                                                                                                                          | <b>Current Year</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>1</b> Amounts paid to supported organizations to accomplish exempt purposes                                                                            |                     |
| <b>2</b> Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity            |                     |
| <b>3</b> Administrative expenses paid to accomplish exempt purposes of supported organizations                                                            |                     |
| <b>4</b> Amounts paid to acquire exempt-use assets                                                                                                        |                     |
| <b>5</b> Qualified set-aside amounts (prior IRS approval required)                                                                                        |                     |
| <b>6</b> Other distributions (describe in <b>Part VI</b> ) See instructions                                                                               |                     |
| <b>7 Total annual distributions.</b> Add lines 1 through 6                                                                                                |                     |
| <b>8</b> Distributions to attentive supported organizations to which the organization is responsive (provide details in <b>Part VI</b> ) See instructions |                     |
| <b>9</b> Distributable amount for 2018 from Section C, line 6                                                                                             |                     |
| <b>10</b> Line 8 amount divided by Line 9 amount                                                                                                          |                     |

| <b>Section E - Distribution Allocations (see instructions)</b>                                                                                                                     | <b>(i)<br/>Excess Distributions</b> | <b>(ii)<br/>Underdistributions<br/>Pre-2018</b> | <b>(iii)<br/>Distributable<br/>Amount for 2018</b> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------|----------------------------------------------------|
| <b>1</b> Distributable amount for 2018 from Section C, line 6                                                                                                                      |                                     |                                                 |                                                    |
| <b>2</b> Underdistributions, if any, for years prior to 2018 (reasonable cause required-- explain in Part VI) See instructions                                                     |                                     |                                                 |                                                    |
| <b>3</b> Excess distributions carryover, if any, to 2018                                                                                                                           |                                     |                                                 |                                                    |
| <b>a</b> From 2013. . . . .                                                                                                                                                        |                                     |                                                 |                                                    |
| <b>b</b> From 2014. . . . .                                                                                                                                                        |                                     |                                                 |                                                    |
| <b>c</b> From 2015. . . . .                                                                                                                                                        |                                     |                                                 |                                                    |
| <b>d</b> From 2016. . . . .                                                                                                                                                        |                                     |                                                 |                                                    |
| <b>e</b> From 2017. . . . .                                                                                                                                                        |                                     |                                                 |                                                    |
| <b>f Total</b> of lines 3a through e                                                                                                                                               |                                     |                                                 |                                                    |
| <b>g</b> Applied to underdistributions of prior years                                                                                                                              |                                     |                                                 |                                                    |
| <b>h</b> Applied to 2018 distributable amount                                                                                                                                      |                                     |                                                 |                                                    |
| <b>i</b> Carryover from 2013 not applied (see instructions)                                                                                                                        |                                     |                                                 |                                                    |
| <b>j</b> Remainder Subtract lines 3g, 3h, and 3i from 3f                                                                                                                           |                                     |                                                 |                                                    |
| <b>4</b> Distributions for 2018 from Section D, line 7 \$                                                                                                                          |                                     |                                                 |                                                    |
| <b>a</b> Applied to underdistributions of prior years                                                                                                                              |                                     |                                                 |                                                    |
| <b>b</b> Applied to 2018 distributable amount                                                                                                                                      |                                     |                                                 |                                                    |
| <b>c</b> Remainder Subtract lines 4a and 4b from 4                                                                                                                                 |                                     |                                                 |                                                    |
| <b>5</b> Remaining underdistributions for years prior to 2018, if any Subtract lines 3g and 4a from line 2 If the amount is greater than zero, explain in Part VI See instructions |                                     |                                                 |                                                    |
| <b>6</b> Remaining underdistributions for 2018 Subtract lines 3h and 4b from line 1 If the amount is greater than zero, explain in Part VI See instructions                        |                                     |                                                 |                                                    |
| <b>7 Excess distributions carryover to 2019.</b> Add lines 3j and 4c                                                                                                               |                                     |                                                 |                                                    |
| <b>8</b> Breakdown of line 7                                                                                                                                                       |                                     |                                                 |                                                    |
| <b>a</b> Excess from 2014. . . . .                                                                                                                                                 |                                     |                                                 |                                                    |
| <b>b</b> Excess from 2015. . . . .                                                                                                                                                 |                                     |                                                 |                                                    |
| <b>c</b> Excess from 2016. . . . .                                                                                                                                                 |                                     |                                                 |                                                    |
| <b>d</b> Excess from 2017. . . . .                                                                                                                                                 |                                     |                                                 |                                                    |
| <b>e</b> Excess from 2018. . . . .                                                                                                                                                 |                                     |                                                 |                                                    |



## Additional Data

**Software ID:**

**Software Version:**

**EIN:** 95-1643307

**Name:** CALIFORNIA INSTITUTE OF TECHNOLOGY

**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**

**SCHEDULE C**  
(Form 990 or 990-EZ)  
  
Department of the Treasury  
Internal Revenue Service

**Political Campaign and Lobbying Activities**  
For Organizations Exempt From Income Tax Under section 501(c) and section 527  
  
▶Complete if the organization is described below. ▶Attach to Form 990 or Form 990-EZ.  
▶Go to [www.irs.gov/Form990](http://www.irs.gov/Form990) for instructions and the latest information.

OMB No 1545-0047  
  
**2018**  
  
**Open to Public Inspection**

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

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

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

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

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

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

|                                                                |                                              |
|----------------------------------------------------------------|----------------------------------------------|
| Name of the organization<br>CALIFORNIA INSTITUTE OF TECHNOLOGY | Employer identification number<br>95-1643307 |
|----------------------------------------------------------------|----------------------------------------------|

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

- 1 Provide a description of the organization's direct and indirect political campaign activities in Part IV (see instructions for definition of "political campaign activities")
- 2 Political campaign activity expenditures (see instructions) ▶ \$ \_\_\_\_\_
- 3 Volunteer hours for political campaign activities (see instructions) \_\_\_\_\_

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

- 1 Enter the amount of any excise tax incurred by the organization under section 4955 ▶ \$ \_\_\_\_\_
- 2 Enter the amount of any excise tax incurred by organization managers under section 4955 ▶ \$ \_\_\_\_\_
- 3 If the organization incurred a section 4955 tax, did it file Form 4720 for this year?  Yes  No
- 4a Was a correction made?  Yes  No
- b If "Yes," describe in Part IV

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

- 1 Enter the amount directly expended by the filing organization for section 527 exempt function activities ▶ \$ \_\_\_\_\_
- 2 Enter the amount of the filing organization's funds contributed to other organizations for section 527 exempt function activities ▶ \$ \_\_\_\_\_
- 3 Total exempt function expenditures Add lines 1 and 2 Enter here and on Form 1120-POL, line 17b ▶ \$ \_\_\_\_\_
- 4 Did the filing organization file **Form 1120-POL** for this year?  Yes  No
- 5 Enter the names, addresses and employer identification number (EIN) of all section 527 political organizations to which the filing organization made payments For each organization listed, enter the amount paid from the filing organization's funds Also enter the amount of political contributions received that were promptly and directly delivered to a separate political organization, such as a separate segregated fund or a political action committee (PAC) If additional space is needed, provide information in Part IV

| (a) Name | (b) Address | (c) EIN | (d) Amount paid from filing organization's funds If none, enter -0- | (e) Amount of political contributions received and promptly and directly delivered to a separate political organization If none, enter -0- |
|----------|-------------|---------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1        |             |         |                                                                     |                                                                                                                                            |
| 2        |             |         |                                                                     |                                                                                                                                            |
| 3        |             |         |                                                                     |                                                                                                                                            |
| 4        |             |         |                                                                     |                                                                                                                                            |
| 5        |             |         |                                                                     |                                                                                                                                            |
| 6        |             |         |                                                                     |                                                                                                                                            |

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

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

| <b>Limits on Lobbying Expenditures</b><br>(The term "expenditures" means amounts paid or incurred.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (a) Filing organization's totals                         | (b) Affiliated group totals        |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------|--------------------|------------------------------|-----------------------------------------|-------------------------------------------------|-------------------------------------------|---------------------------------------------------|--------------------------------------------|--------------------------------------------------|-------------------|-------------|--|--|
| <b>1a</b> Total lobbying expenditures to influence public opinion (grass roots lobbying)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                          |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| <b>b</b> Total lobbying expenditures to influence a legislative body (direct lobbying)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| <b>c</b> Total lobbying expenditures (add lines 1a and 1b)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| <b>d</b> Other exempt purpose expenditures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| <b>e</b> Total exempt purpose expenditures (add lines 1c and 1d)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| <b>f</b> Lobbying nontaxable amount Enter the amount from the following table in both columns                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:35%;">If the amount on line 1e, column (a) or (b) is:</th> <th style="width:65%;">The lobbying nontaxable amount is:</th> </tr> </thead> <tbody> <tr> <td>Not over \$500,000</td> <td>20% of the amount on line 1e</td> </tr> <tr> <td>Over \$500,000 but not over \$1,000,000</td> <td>\$100,000 plus 15% of the excess over \$500,000</td> </tr> <tr> <td>Over \$1,000,000 but not over \$1,500,000</td> <td>\$175,000 plus 10% of the excess over \$1,000,000</td> </tr> <tr> <td>Over \$1,500,000 but not over \$17,000,000</td> <td>\$225,000 plus 5% of the excess over \$1,500,000</td> </tr> <tr> <td>Over \$17,000,000</td> <td>\$1,000,000</td> </tr> </tbody> </table> | If the amount on line 1e, column (a) or (b) is:          | The lobbying nontaxable amount is: | Not over \$500,000 | 20% of the amount on line 1e | Over \$500,000 but not over \$1,000,000 | \$100,000 plus 15% of the excess over \$500,000 | Over \$1,000,000 but not over \$1,500,000 | \$175,000 plus 10% of the excess over \$1,000,000 | Over \$1,500,000 but not over \$17,000,000 | \$225,000 plus 5% of the excess over \$1,500,000 | Over \$17,000,000 | \$1,000,000 |  |  |
| If the amount on line 1e, column (a) or (b) is:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | The lobbying nontaxable amount is:                       |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| Not over \$500,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20% of the amount on line 1e                             |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| Over \$500,000 but not over \$1,000,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | \$100,000 plus 15% of the excess over \$500,000          |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| Over \$1,000,000 but not over \$1,500,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | \$175,000 plus 10% of the excess over \$1,000,000        |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| Over \$1,500,000 but not over \$17,000,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$225,000 plus 5% of the excess over \$1,500,000         |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| Over \$17,000,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$1,000,000                                              |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| <b>g</b> Grassroots nontaxable amount (enter 25% of line 1f)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                          |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| <b>h</b> Subtract line 1g from line 1a If zero or less, enter -0-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| <b>i</b> Subtract line 1f from line 1c If zero or less, enter -0-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |
| <b>j</b> If there is an amount other than zero on either line 1h or line 1i, did the organization file Form 4720 reporting section 4911 tax for this year?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |                                    |                    |                              |                                         |                                                 |                                           |                                                   |                                            |                                                  |                   |             |  |  |

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

| <b>Lobbying Expenditures During 4-Year Averaging Period</b>      |          |          |          |          |           |
|------------------------------------------------------------------|----------|----------|----------|----------|-----------|
| Calendar year (or fiscal year beginning in)                      | (a) 2015 | (b) 2016 | (c) 2017 | (d) 2018 | (e) Total |
| <b>2a</b> Lobbying nontaxable amount                             |          |          |          |          |           |
| <b>b</b> Lobbying ceiling amount (150% of line 2a, column(e))    |          |          |          |          |           |
| <b>c</b> Total lobbying expenditures                             |          |          |          |          |           |
| <b>d</b> Grassroots nontaxable amount                            |          |          |          |          |           |
| <b>e</b> Grassroots ceiling amount (150% of line 2d, column (e)) |          |          |          |          |           |
| <b>f</b> Grassroots lobbying expenditures                        |          |          |          |          |           |

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

For each "Yes" response on lines 1a through 1i below, provide in Part IV a detailed description of the lobbying activity

|                                                                                                                                                                                                                                       | (a) |    | (b)     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|---------|
|                                                                                                                                                                                                                                       | Yes | No | Amount  |
| <b>1</b> During the year, did the filing organization attempt to influence foreign, national, state or local legislation, including any attempt to influence public opinion on a legislative matter or referendum, through the use of |     |    |         |
| <b>a</b> Volunteers?                                                                                                                                                                                                                  |     | No |         |
| <b>b</b> Paid staff or management (include compensation in expenses reported on lines 1c through 1i)?                                                                                                                                 | Yes |    |         |
| <b>c</b> Media advertisements?                                                                                                                                                                                                        |     | No |         |
| <b>d</b> Mailings to members, legislators, or the public?                                                                                                                                                                             |     | No |         |
| <b>e</b> Publications, or published or broadcast statements?                                                                                                                                                                          |     | No |         |
| <b>f</b> Grants to other organizations for lobbying purposes?                                                                                                                                                                         |     | No |         |
| <b>g</b> Direct contact with legislators, their staffs, government officials, or a legislative body?                                                                                                                                  | Yes |    | 606,000 |
| <b>h</b> Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?                                                                                                                                    |     | No |         |
| <b>i</b> Other activities?                                                                                                                                                                                                            |     | No |         |
| <b>j</b> Total Add lines 1c through 1i                                                                                                                                                                                                |     |    | 606,000 |
| <b>2a</b> Did the activities in line 1 cause the organization to be not described in section 501(c)(3)?                                                                                                                               |     | No |         |
| <b>b</b> If "Yes," enter the amount of any tax incurred under section 4912                                                                                                                                                            |     |    |         |
| <b>c</b> If "Yes," enter the amount of any tax incurred by organization managers under section 4912                                                                                                                                   |     |    |         |
| <b>d</b> If the filing organization incurred a section 4912 tax, did it file Form 4720 for this year?                                                                                                                                 |     |    |         |

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

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

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

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

**Part IV Supplemental Information**

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

| Return Reference              | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LOBBYING ACTIVITY EXPLANATION | SCHEDULE C, PART II-B THE INSTITUTE RETAINS A CONSULTING FIRM TO MONITOR LEGISLATIVE DEVELOPMENTS AND TO COUNSEL IT ON GOVERNMENT RELATIONS MATTERS THE CONSULTANT MAY ESTABLISH DIRECT CONTACT WITH LEGISLATORS, THEIR STAFFS, GOVERNMENT OFFICIALS, AND LEGISLATIVE BODIES AND ENGAGE IN COMMUNICATION WHICH MAY BE CONSIDERED COMMUNICATION WHICH ATTEMPTS TO INFLUENCE LEGISLATION FURTHER, THE INSTITUTE'S STAFF IN THE COURSE OF NECESSARY COMMUNICATIONS WITH GOVERNMENT OFFICIALS AND INFORMATIONAL PUBLIC EDUCATION ACTIVITIES, MAY FROM TIME TO TIME ENGAGE IN COMMUNICATION WHICH MAY BE CONSIDERED TO INFLUENCE LEGISLATION TOTAL LOBBYING EXPENDITURES INCLUDE THE TOTAL OF ALL EXPENDITURES IN ALL ACCOUNTS THAT THE INSTITUTE BELIEVES MAY POTENTIALLY HAVE ANY RELATIONSHIP TO LOBBYING THIS AMOUNT INCLUDES ALL OFFICE BUDGET EXPENDITURES OF THE INSTITUTE'S OFFICE OF EXTERNAL RELATIONS THAT ARE EXPENDED FOR LOBBYING ACTIVITIES THE INSTITUTE IS A MEMBER OF CERTAIN PROFESSIONAL AND ACADEMIC ORGANIZATIONS THAT HAVE REGISTERED TO LOBBY ON BEHALF OF MEMBERSHIP ALTHOUGH A SMALL PORTION OF THE INSTITUTE'S MEMBERSHIP DUES MAY BE USED FOR LOBBYING, THE AMOUNT IS IMMATERIAL CALTECH'S MEMBERSHIP IN THESE ORGANIZATIONS IS FOR THE PURPOSE OF HAVING ACCESS TO THE MOST CURRENT INFORMATION ON GOVERNMENT AND BUSINESS DEVELOPMENTS AS THEY RELATE TO COLLEGES AND UNIVERSITIES AND NOT FOR ANY LOBBYING EFFORT |

**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.**  
**► Go to [www.irs.gov/Form990](http://www.irs.gov/Form990) for the latest information.**

OMB No 1545-0047  
**2018**  
**Open to Public Inspection**

**Name of the organization**  
CALIFORNIA INSTITUTE OF TECHNOLOGY

**Employer identification number**  
95-1643307

**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 |
|------------------------------------------------------------|-------------------------|------------------------------|
| <b>1</b> Total number at end of year                       |                         |                              |
| <b>2</b> Aggregate value of contributions to (during year) |                         |                              |
| <b>3</b> Aggregate value of grants from (during year)      |                         |                              |
| <b>4</b> 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

|                                                                                                                                                   | Held at the End of the Year |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--|
| <b>a</b> Total number of conservation easements                                                                                                   | <b>2a</b>                   |  |
| <b>b</b> Total acreage restricted by conservation easements                                                                                       | <b>2b</b>                   |  |
| <b>c</b> Number of conservation easements on a certified historic structure included in (a)                                                       | <b>2c</b>                   |  |
| <b>d</b> Number of conservation easements included in (c) acquired after 7/25/06, and not on a historic structure listed in the National Register | <b>2d</b>                   |  |

**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 ► \$ \_\_\_\_\_

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

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

**Part IV Escrow and Custodial Arrangements.**

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

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

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

|                                                                   | (a) Current year | (b) Prior year | (c) Two years back | (d) Three years back | (e) Four years back |
|-------------------------------------------------------------------|------------------|----------------|--------------------|----------------------|---------------------|
| <b>1a</b> Beginning of year balance . . . . .                     | 2,906,200,000    | 2,638,177,000  | 2,251,420,000      | 2,114,609,000        | 2,115,730,000       |
| <b>b</b> Contributions . . . . .                                  | 91,270,000       | 160,741,000    | 184,834,000        | 106,735,000          | 159,020,000         |
| <b>c</b> Net investment earnings, gains, and losses               | 149,358,000      | 257,370,000    | 343,179,000        | 160,809,000          | -38,909,000         |
| <b>d</b> Grants or scholarships . . . . .                         | 27,576,000       | 26,548,000     | 25,990,000         | 20,295,000           | 18,755,000          |
| <b>e</b> Other expenditures for facilities and programs . . . . . | 103,105,000      | 95,656,000     | 92,264,000         | 90,187,000           | 84,276,000          |
| <b>f</b> Administrative expenses . . . . .                        | 29,487,000       | 27,884,000     | 23,002,000         | 20,251,000           | 18,201,000          |
| <b>g</b> End of year balance . . . . .                            | 2,986,660,000    | 2,906,200,000  | 2,638,177,000      | 2,251,420,000        | 2,114,609,000       |

- 2** Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as
- a** Board designated or quasi-endowment ▶ 22 020 %
  - b** Permanent endowment ▶ 77 190 %
  - c** Temporarily restricted endowment ▶ 0 790 %
- 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
- |                                              |            |           |
|----------------------------------------------|------------|-----------|
| <b>(i)</b> unrelated organizations . . . . . | <b>Yes</b> | <b>No</b> |
| <b>3a(i)</b>                                 | No         | No        |
| <b>(ii)</b> related organizations . . . . .  | <b>Yes</b> | <b>No</b> |
| <b>3a(ii)</b>                                | No         | No        |
- b** If "Yes" on 3a(ii), are the related organizations listed as required on Schedule R?  Yes  No
- 3b**
- 4** Describe in Part XIII the intended uses of the organization's endowment funds

**Part VI Land, Buildings, and Equipment.**

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

| Description of property                                                                                        | (a) Cost or other basis (investment) | (b) Cost or other basis (other) | (c) Accumulated depreciation | (d) Book value |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------|------------------------------|----------------|
| <b>1a</b> Land . . . . .                                                                                       |                                      | 38,482,000                      |                              | 38,482,000     |
| <b>b</b> Buildings . . . . .                                                                                   |                                      | 1,306,680,000                   | 595,008,000                  | 711,672,000    |
| <b>c</b> Leasehold improvements                                                                                |                                      |                                 |                              |                |
| <b>d</b> Equipment . . . . .                                                                                   |                                      | 600,825,000                     | 473,671,000                  | 127,154,000    |
| <b>e</b> Other . . . . .                                                                                       |                                      | 193,459,000                     |                              | 193,459,000    |
| <b>Total.</b> Add lines 1a through 1e (Column (d) must equal Form 990, Part X, column (B), line 10(c)) . . . ▶ |                                      |                                 |                              | 1,070,767,000  |

**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<br>(including name of security)  | (b) Book value | (c) Method of valuation<br>Cost or end-of-year market value |
|--------------------------------------------------------------------------|----------------|-------------------------------------------------------------|
| (1) Financial derivatives . . . . .                                      | 6,741,000      | F                                                           |
| (2) Closely-held equity interests . . . . .                              |                |                                                             |
| (3) Other _____                                                          |                |                                                             |
| (A) ALTERNATIVE SECURITIES                                               | 827,156,000    | F                                                           |
| (B) PRIVATE EQUITY                                                       | 528,937,000    | F                                                           |
| (C) REAL ASSETS                                                          | 376,446,003    | F                                                           |
| (D)                                                                      |                |                                                             |
| (E)                                                                      |                |                                                             |
| (F)                                                                      |                |                                                             |
| (G)                                                                      |                |                                                             |
| (H)                                                                      |                |                                                             |
| <b>Total.</b> (Column (b) must equal Form 990, Part X, col (B) line 12 ) | 1,739,280,003  |                                                             |

**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<br>Cost or end-of-year market value |
|--------------------------------------------------------------------------|----------------|-------------------------------------------------------------|
| (1)                                                                      |                |                                                             |
| (2)                                                                      |                |                                                             |
| (3)                                                                      |                |                                                             |
| (4)                                                                      |                |                                                             |
| (5)                                                                      |                |                                                             |
| (6)                                                                      |                |                                                             |
| (7)                                                                      |                |                                                             |
| (8)                                                                      |                |                                                             |
| (9)                                                                      |                |                                                             |
| <b>Total.</b> (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)                                                                      |                |
| <b>Total.</b> (Column (b) must equal Form 990, Part X, col (B) line 15 ) |                |

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

| 1. (a) Description of liability                                          | (b) Book value |
|--------------------------------------------------------------------------|----------------|
| (1) Federal income taxes                                                 | 0              |
| ACCUMULATED POST RET BENEFIT                                             | 421,899,000    |
| (2)                                                                      |                |
| (3)                                                                      |                |
| (4)                                                                      |                |
| (5)                                                                      |                |
| (6)                                                                      |                |
| (7)                                                                      |                |
| (8)                                                                      |                |
| (9)                                                                      |                |
| <b>Total.</b> (Column (b) must equal Form 990, Part X, col (B) line 25 ) | 421,899,000    |

**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.

|          |                                                                                                         |           |           |               |
|----------|---------------------------------------------------------------------------------------------------------|-----------|-----------|---------------|
| <b>1</b> | Total revenue, gains, and other support per audited financial statements . . . . .                      |           | <b>1</b>  | 3,463,918,000 |
| <b>2</b> | Amounts included on line 1 but not on Form 990, Part VIII, line 12                                      |           |           |               |
| <b>a</b> | Net unrealized gains (losses) on investments . . . . .                                                  | <b>2a</b> |           | -91,159,000   |
| <b>b</b> | Donated services and use of facilities . . . . .                                                        | <b>2b</b> |           |               |
| <b>c</b> | Recoveries of prior year grants . . . . .                                                               | <b>2c</b> |           |               |
| <b>d</b> | Other (Describe in Part XIII ) . . . . .                                                                | <b>2d</b> |           | -130,218,000  |
| <b>e</b> | Add lines <b>2a</b> through <b>2d</b> . . . . .                                                         |           | <b>2e</b> | -221,377,000  |
| <b>3</b> | Subtract line <b>2e</b> from line <b>1</b> . . . . .                                                    |           | <b>3</b>  | 3,685,295,000 |
| <b>4</b> | Amounts included on Form 990, Part VIII, line 12, but not on line 1                                     |           |           |               |
| <b>a</b> | Investment expenses not included on Form 990, Part VIII, line 7b . . . . .                              | <b>4a</b> |           |               |
| <b>b</b> | Other (Describe in Part XIII ) . . . . .                                                                | <b>4b</b> |           |               |
| <b>c</b> | Add lines <b>4a</b> and <b>4b</b> . . . . .                                                             |           | <b>4c</b> |               |
| <b>5</b> | Total revenue Add lines <b>3</b> and <b>4c</b> . (This must equal Form 990, Part I, line 12 ) . . . . . |           | <b>5</b>  | 3,685,295,000 |

**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.

|          |                                                                                                          |           |           |               |
|----------|----------------------------------------------------------------------------------------------------------|-----------|-----------|---------------|
| <b>1</b> | Total expenses and losses per audited financial statements . . . . .                                     |           | <b>1</b>  | 3,448,549,000 |
| <b>2</b> | Amounts included on line 1 but not on Form 990, Part IX, line 25                                         |           |           |               |
| <b>a</b> | Donated services and use of facilities . . . . .                                                         | <b>2a</b> |           |               |
| <b>b</b> | Prior year adjustments . . . . .                                                                         | <b>2b</b> |           |               |
| <b>c</b> | Other losses . . . . .                                                                                   | <b>2c</b> |           |               |
| <b>d</b> | Other (Describe in Part XIII ) . . . . .                                                                 | <b>2d</b> |           |               |
| <b>e</b> | Add lines <b>2a</b> through <b>2d</b> . . . . .                                                          |           | <b>2e</b> |               |
| <b>3</b> | Subtract line <b>2e</b> from line <b>1</b> . . . . .                                                     |           | <b>3</b>  | 3,448,549,000 |
| <b>4</b> | Amounts included on Form 990, Part IX, line 25, but not on line 1:                                       |           |           |               |
| <b>a</b> | Investment expenses not included on Form 990, Part VIII, line 7b . . . . .                               | <b>4a</b> |           | 9,478,000     |
| <b>b</b> | Other (Describe in Part XIII ) . . . . .                                                                 | <b>4b</b> |           | 83,235,000    |
| <b>c</b> | Add lines <b>4a</b> and <b>4b</b> . . . . .                                                              |           | <b>4c</b> | 92,713,000    |
| <b>5</b> | Total expenses Add lines <b>3</b> and <b>4c</b> . (This must equal Form 990, Part I, line 18 ) . . . . . |           | <b>5</b>  | 3,541,262,000 |

**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:** 95-1643307

**Name:** CALIFORNIA INSTITUTE OF TECHNOLOGY

## Supplemental Information

| Return Reference              | Explanation                                                                                                                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE D, PART III, LINE 1A | THE INSTITUTE DOES NOT CAPITALIZE ITS COLLECTION ITEMS DUE TO THE IMMATERIALITY OF THE EFFECT OF COLLECTIONS PRACTICES ON ITS FINANCIAL STATEMENTS, THE INSTITUTE DOES NOT DISCLOSE ITS COLLECTIONS POLICIES |

## Supplemental Information

| Return Reference             | Explanation                                                                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE D, PART III, LINE 4 | CALTECH MAINTAINS A COLLECTION OF INSTITUTIONAL RECORDS, DOCUMENTS, ARTIFACTS, AND SPECIMENS FOR HISTORICAL PRESERVATION, INSTRUCTION, AND SCHOLARLY RESEARCH |

## Supplemental Information

| Return Reference             | Explanation                                                                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE D, PART IV, LINE 2B | THE INSTITUTE IS THE TRUSTEE OF DONOR ANNUITIES AND TRUST AGREEMENTS AND MANAGES CERTAIN INVESTMENT FUNDS FOR OTHERS, SUCH AS RELATED ORGANIZATIONS |

**Supplemental Information**

| Return Reference           | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE D, PART V, LINE 4 | <p>THE INSTITUTE'S ENDOWMENT IS COMPRISED OF DONOR-RESTRICTED AND BOARD-DESIGNATED FUNDS HELD FOR LONG-TERM INVESTMENT THROUGH AN ANNUAL SPENDING ALLOCATION, THE ENDOWMENT SUPPORTS THE MISSION OF EDUCATION AND RESEARCH AND GENERAL OPERATING ACTIVITIES OF THE INSTITUTE THE INSTITUTE'S ENDOWMENT SPENDING POLICY INCLUDES A BOARD OF TRUSTEES-APPROVED ENDOWMENT SPENDING FORMULA WHICH TAKES INTO CONSIDERATION THE PRIOR YEAR'S SPENDING, INFLATION FACTORS, AND ENDOWMENT GROWTH THE INSTITUTE INVESTS ENDOWMENT ASSETS TARGETED TO EARN AN AVERAGE ANNUAL TOTAL RETURN THAT EXCEEDS INFLATION BY AT LEAST THE AMOUNT REQUIRED TO SUPPORT THE ENDOWMENT SPENDING ALL ENDOWMENT ASSETS ARE HELD IN THE INVESTMENT POOL UNLESS SPECIAL CONSIDERATIONS OR DONOR STIPULATIONS REQUIRE THAT THEY BE INVESTED SEPARATELY TOTAL RETURN INCLUDES BOTH CAPITAL APPRECIATION/DEPRECIATION (REALIZED AND UNREALIZED GAINS/LOSSES) AND INVESTMENT INCOME (INCLUDING INTEREST, DIVIDENDS, AND ROYALTIES) THE INSTITUTE TARGETS A DIVERSIFIED ASSET ALLOCATION, INCLUDING INVESTMENTS IN BOTH PUBLIC MARKETS AND IN ALTERNATIVE INVESTMENTS, WITHIN RISK CONSTRAINTS DEEMED TO BE PRUDENT</p> |

## Supplemental Information

| Return Reference              | Explanation                                                                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE D, PART VII, LINE 3A | ALTERNATIVE SECURITIES INCLUDE, BUT ARE NOT LIMITED TO, SUBSTANTIAL INVESTMENT HOLDINGS THAT ARE ILLIQUID AND/OR CONTAIN VARIOUS REDEMPTION RESTRICTIONS |

**Supplemental Information**

| Return Reference           | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE D, PART X, LINE 2 | <p>THE INSTITUTE IS GENERALLY EXEMPT FROM FEDERAL TAXES ON INCOME RELATED TO ITS CHARITABLE PURPOSE UNDER THE PROVISIONS OF IRC SECTION 501(C)(3) AND FROM CALIFORNIA AND OTHER STATE INCOME TAXES UNDER CORRESPONDING STATE LAWS THE INSTITUTE IS SUBJECT TO BOTH FEDERAL AND STATE INCOME TAXES ON INCOME FROM CERTAIN ACTIVITIES NOT SUBSTANTIALLY RELATED TO ITS EXEMPT PURPOSE AT SEPTEMBER 30, 2019 AND 2018, THE INSTITUTE MAINTAINED A FULL VALUATION ALLOWANCE ON ITS DEFERRED TAX ASSETS, WHICH ARE PRIMARILY DUE TO TAX LOSSES FROM CERTAIN INVESTMENT ACTIVITIES BASED ON ITS ANALYSIS OF THE UNCERTAINTIES SURROUNDING BOTH THE TIMING AND AMOUNTS OF POTENTIAL FUTURE NET TAXABLE INCOME, THE INSTITUTE HAS ASSUMED THAT IT IS MORE LIKELY THAN NOT THAT THE INSTITUTE WILL NOT REALIZE THE DEFERRED TAX ASSETS THE INSTITUTE HAS NOT PROVIDED FOR ANY UNCERTAIN TAX POSITIONS AT SEPTEMBER 30, 2019 AND 2018 THE FEDERAL TAX CUTS AND JOBS ACT ("TCJA") WAS SIGNED INTO LAW IN DECEMBER 2017 THE TCJA INCLUDES SEVERAL PROVISIONS THAT MAY IMPACT THE INSTITUTE, INCLUDING AN EXCISE TAX ON NET INVESTMENT INCOME AND REVISED METHODS FOR CALCULATING UNRELATED BUSINESS INCOME BASED ON ITS UNDERSTANDING OF THE TCJA AND AVAILABLE GUIDANCE, THE INSTITUTE HAD NO MATERIAL DEFERRED TAX LIABILITIES OR INCOME TAXES PAYABLE AT SEPTEMBER 30, 2019</p> |

# Supplemental Information

| Return Reference             | Explanation                                                                                                                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE D, PART XI, LINE 2D | RECLASSIFY FINANCIAL AID NETTED WITH TUITION (83,235,000) CHANGES IN FAIR VALUE OF INTEREST RATE SWAP (27,545,000) ENDOWMENT RECOVERY (9,960,000) INVESTMENT MANAGEMENT FEES (9,478,000) ----- TOTAL (130,218,000) ===== |



# Supplemental Information

| Return Reference              | Explanation                                                        |
|-------------------------------|--------------------------------------------------------------------|
| SCHEDULE D, PART XII, LINE 4B | FINANCIAL AID EXPENSES (83,235,000) ----- TOTAL (83,235,000) ===== |

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

**Schools**

OMB No 1545-0047

**2018**

**Open to Public Inspection**

- ▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 13, or Form 990-EZ, Part VI, line 48.**
- ▶ **Attach to Form 990 or Form 990-EZ.**
- ▶ **Go to [www.irs.gov/Form990EZ](http://www.irs.gov/Form990EZ) for the latest instructions.**

Department of the Treasury

Name of the organization

CALIFORNIA INSTITUTE OF TECHNOLOGY

Employer identification number

95-1643307

**Part I**

|                                                                                                                                                                                                                                                                                                                                                                                                                        | YES | NO |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| <b>1</b> Does the organization have a racially nondiscriminatory policy toward students by statement in its charter, bylaws, other governing instrument, or in a resolution of its governing body?                                                                                                                                                                                                                     | Yes |    |
| <b>2</b> Does the organization include a statement of its racially nondiscriminatory policy toward students in all its brochures, catalogues, and other written communications with the public dealing with student admissions, programs, and scholarships?                                                                                                                                                            | Yes |    |
| <b>3</b> Has the organization publicized its racially nondiscriminatory policy through newspaper or broadcast media during the period of solicitation for students, or during the registration period if it has no solicitation program, in a way that makes the policy known to all parts of the general community it serves? If "Yes," please describe. If "No," please explain. If you need more space use Part II. | Yes |    |
| <b>4</b> Does the organization maintain the following?                                                                                                                                                                                                                                                                                                                                                                 |     |    |
| <b>a</b> Records indicating the racial composition of the student body, faculty, and administrative staff?                                                                                                                                                                                                                                                                                                             | Yes |    |
| <b>b</b> Records documenting that scholarships and other financial assistance are awarded on a racially nondiscriminatory basis?                                                                                                                                                                                                                                                                                       | Yes |    |
| <b>c</b> Copies of all catalogues, brochures, announcements, and other written communications to the public dealing with student admissions, programs, and scholarships?                                                                                                                                                                                                                                               | Yes |    |
| <b>d</b> Copies of all material used by the organization or on its behalf to solicit contributions? If you answered "No" to any of the above, please explain. If you need more space, use Part II.                                                                                                                                                                                                                     | Yes |    |
| <b>5</b> Does the organization discriminate by race in any way with respect to:                                                                                                                                                                                                                                                                                                                                        |     |    |
| <b>a</b> Students' rights or privileges?                                                                                                                                                                                                                                                                                                                                                                               |     | No |
| <b>b</b> Admissions policies?                                                                                                                                                                                                                                                                                                                                                                                          |     | No |
| <b>c</b> Employment of faculty or administrative staff?                                                                                                                                                                                                                                                                                                                                                                |     | No |
| <b>d</b> Scholarships or other financial assistance?                                                                                                                                                                                                                                                                                                                                                                   |     | No |
| <b>e</b> Educational policies?                                                                                                                                                                                                                                                                                                                                                                                         |     | No |
| <b>f</b> Use of facilities?                                                                                                                                                                                                                                                                                                                                                                                            |     | No |
| <b>g</b> Athletic programs?                                                                                                                                                                                                                                                                                                                                                                                            |     | No |
| <b>h</b> Other extracurricular activities? If you answered "Yes" to any of the above, please explain. If you need more space, use Part II.                                                                                                                                                                                                                                                                             |     | No |
| <b>6a</b> Does the organization receive any financial aid or assistance from a governmental agency?                                                                                                                                                                                                                                                                                                                    | Yes |    |
| <b>b</b> Has the organization's right to such aid ever been revoked or suspended? If you answered "Yes" to either line 6a or line 6b, explain on Part II.                                                                                                                                                                                                                                                              |     | No |
| <b>7</b> Does the organization certify that it has complied with the applicable requirements of sections 4 01 through 4 05 of Rev Proc 75-50, 1975-2 C B 587, covering racial nondiscrimination? If "No," explain on Part II.                                                                                                                                                                                          | Yes |    |

**Part II Supplemental Information.** Provide the explanations required by Part I, lines 3, 4d, 5h, 6b, and 7, as applicable. Also provide any other additional information (see instructions).

| Return Reference    | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE E, LINE 3  | THE INSTITUTE'S NONDISCRIMINATORY POLICY IS PUBLISHED IN THE INSTITUTE'S CATALOG AND AVAILABLE ON THE INSTITUTE'S WEBSITE. THE STATEMENT OF THIS POLICY OR REFERENCE THERETO APPEARS IN ALL OF THE INSTITUTE'S CATALOGS, BROCHURES, AND OTHER WRITTEN COMMUNICATIONS WITH THE PUBLIC DEALING WITH STUDENT ADMISSIONS, PROGRAMS, AND SCHOLARSHIPS. THE INSTITUTE SATISFIED THE PUBLICATIONS REQUIREMENT BY VIRTUE OF ITS COMPLIANCE WITH SECTION 4 02 AS PROVIDED IN SECTION 4 03-2(B). |
| SCHEDULE E, LINE 6A | THE INSTITUTE RECEIVES GRANTS AND ENTERS INTO CONTRACTS WITH VARIOUS AGENCIES OF THE U S GOVERNMENT, THE STATE OF CALIFORNIA, AND LOCAL GOVERNMENT UNITS FOR RESEARCH, TRAINING, AND STUDENT AID.                                                                                                                                                                                                                                                                                      |

**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.  
▶ Go to [www.irs.gov/Form990](http://www.irs.gov/Form990) for instructions and the latest information.

OMB No 1545-0047  
  
**2018**  
  
**Open to Public Inspection**

Name of the organization  
CALIFORNIA INSTITUTE OF TECHNOLOGY

**Employer identification number**  
95-1643307

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

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

| (a) Region                                        | (b) Number of offices in the region | (c) Number of employees, agents, and independent contractors in region | (d) Activities conducted in region (by type) (e g , fundraising, program services, investments, grants to recipients located in the region) | (e) If activity listed in (d) is a program service, describe specific type of service(s) in region | (f) Total expenditures for and investments in region |
|---------------------------------------------------|-------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------|
| See Add'l Data                                    |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
|                                                   |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
|                                                   |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
|                                                   |                                     |                                                                        |                                                                                                                                             |                                                                                                    |                                                      |
| <b>3a</b> Sub-total                               | 4                                   | 13                                                                     |                                                                                                                                             |                                                                                                    | 1,113,165,256                                        |
| <b>b</b> Total from continuation sheets to Part I |                                     |                                                                        |                                                                                                                                             |                                                                                                    | 79,208                                               |
| <b>c Totals</b> (add lines 3a and 3b)             | 4                                   | 13                                                                     |                                                                                                                                             |                                                                                                    | 1,113,244,464                                        |

**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) |
|----------------------------|----------------------------------------------|------------|----------------------|--------------------------|---------------------------------|-----------------------------------|----------------------------------------|-------------------------------------------------------|
|                            |                                              |            |                      |                          |                                 |                                   |                                        |                                                       |
|                            |                                              |            |                      |                          |                                 |                                   |                                        |                                                       |
|                            |                                              |            |                      |                          |                                 |                                   |                                        |                                                       |
|                            |                                              |            |                      |                          |                                 |                                   |                                        |                                                       |

- 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) |
|---------------------------------|------------------------------------------|--------------------------|--------------------------|---------------------------------|-----------------------------------|----------------------------------------|-------------------------------------------------------|
| STUDY ABROAD                    | Europe (Including Iceland and Greenland) | 32                       | 258,000                  | WIRE TRANSFE                    |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
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|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |
|                                 |                                          |                          |                          |                                 |                                   |                                        |                                                       |

**Part IV Foreign Forms**

- 1 Was the organization a U S transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926, Return by a U S Transferor of Property to a Foreign Corporation (see Instructions for Form 926)*  Yes  No
- 2 Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to separately file Form 3520, Annual Return to Report Transactions with Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U S Owner (see Instructions for Forms 3520 and 3520-A, don't file with Form 990)*  Yes  No
- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U S Persons with Respect to Certain Foreign Corporations (see Instructions for Form 5471)*  Yes  No
- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621)*  Yes  No
- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U S Persons with Respect to Certain Foreign Partnerships (see Instructions for Form 8865)*  Yes  No
- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see Instructions for Form 5713, don't file with Form 990)*  Yes  No

**Part V Supplemental Information**

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

**990 Schedule F, Supplemental Information**

| Return Reference                  | Explanation                                                                                                                                                                                                    |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE F, PART I, LINES 1 AND 2 | RECORDS FOR THE INSTITUTE'S STUDY ABROAD PROGRAM ARE MAINTAINED BY THE OFFICE OF FELLOWSHIPS ADVISING AND STUDY ABROAD THIS OFFICE IS RESPONSIBLE FOR MONITORING THE USE OF FUNDS UNDER ESTABLISHED GUIDELINES |



**990 Schedule F, Supplemental Information**

| <b>Return Reference</b>       | <b>Explanation</b>                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE F,<br>PART I, LINE 3 | THE ORGANIZATION IS ABLE TO IDENTIFY EXPENDITURES THROUGH ITS BOOKS AND RECORDS EXPENDITURES FOR ALL PROGRAM SERVICES ARE MADE AT FAIR VALUE WITH THE OBJECTIVE OF OBTAINING THE BEST RATES AVAILABLE THE INSTITUTE'S INVESTMENT OFFICE IS RESPONSIBLE FOR ALL FOREIGN AND DOMESTIC INVESTMENTS ALL INVESTMENTS ARE MADE AT FAIR MARKET VALUE (FMV) |

## 990 Schedule F, Supplemental Information

| Return Reference             | Explanation                                                                                                                                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE F,<br>PARTS I & III | EXPENDITURES PER REGION ARE REPORTED ON AN ACCRUAL BASIS, WHICH IS THE METHOD USED TO ACCOUNT FOR THEM IN THE ORGANIZATION'S BOOKS AND RECORDS |

## Additional Data

**Software ID:**

**Software Version:**

**EIN:** 95-1643307

**Name:** CALIFORNIA INSTITUTE OF TECHNOLOGY

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

| (a) Region                        | (b) Number of offices in the region | (c) Number of employees or agents in region | (d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region) | (e) If activity listed in (d) is a program service, describe specific type of service(s) in region | (f) Total expenditures for region |
|-----------------------------------|-------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------|
| Central America and the Caribbean | 0                                   | 0                                           | Investments                                                                                                                    |                                                                                                    | 977,056,316                       |
| Central America and the Caribbean | 0                                   | 0                                           | Program Services                                                                                                               | SCIENTIFIC RESEARCH                                                                                | 114,004                           |

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

| (a) Region                | (b) Number of offices in the region | (c) Number of employees or agents in region | (d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region) | (e) If activity listed in (d) is a program service, describe specific type of service(s) in region | (f) Total expenditures for region |
|---------------------------|-------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------|
| East Asia and the Pacific | 0                                   | 0                                           | Investments                                                                                                                    |                                                                                                    | 4,934,428                         |
| East Asia and the Pacific | 0                                   | 0                                           | Program Services                                                                                                               | SCIENTIFIC RESEARCH                                                                                | 2,479,391                         |

**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 |
|------------------------------------------|-------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------|
| Europe (Including Iceland and Greenland) | 0                                   | 0                                           | Investments                                                                                                                    |                                                                                                    | 61,765,311                        |
| Europe (Including Iceland and Greenland) | 4                                   | 13                                          | Program Services                                                                                                               | SCIENTIFIC RESEARCH                                                                                | 39,908,293                        |

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

| (a) Region                   | (b) Number of offices in the region | (c) Number of employees or agents in region | (d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region) | (e) If activity listed in (d) is a program service, describe specific type of service(s) in region | (f) Total expenditures for region |
|------------------------------|-------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------|
| Middle East and North Africa | 0                                   | 0                                           | Investments                                                                                                                    |                                                                                                    | 2,241,850                         |
| Middle East and North Africa | 0                                   | 0                                           | Program Services                                                                                                               | SCIENTIFIC RESEARCH                                                                                | 222,648                           |

**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                                           | Investments                                                                                                                    |                                                                                                    | 5,372,634                         |
| North America | 0                                   | 0                                           | Program Services                                                                                                               | SCIENTIFIC RESEARCH                                                                                | 3,791,562                         |

**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 the Newly Independent States | 0                                   | 0                                           | Investments                                                                                                                    |                                                                                                    | 2,576,785                         |
| Russia and the Newly Independent States | 0                                   | 0                                           | Program Services                                                                                                               | SCIENTIFIC RESEARCH                                                                                | 81,962                            |



**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 America | 0                                   | 0                                           | Investments                                                                                                                    |                                                                                                    | 8,797,001                         |
| South America | 0                                   | 0                                           | Program Services                                                                                                               | SCIENTIFIC RESEARCH                                                                                | 217,216                           |

**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 | 0                                   | 0                                           | Investments                                                                                                                    |                                                                                                    | 208,741                           |
| South Asia | 0                                   | 0                                           | Program Services                                                                                                               | SCIENTIFIC RESEARCH                                                                                | 968,901                           |

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

| (a) Region         | (b) Number of offices in the region | (c) Number of employees or agents in region | (d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region) | (e) If activity listed in (d) is a program service, describe specific type of service(s) in region | (f) Total expenditures for region |
|--------------------|-------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------|
| Sub-Saharan Africa | 0                                   | 0                                           | Investments                                                                                                                    |                                                                                                    | 2,428,213                         |
| Sub-Saharan Africa | 0                                   | 0                                           | Program Services                                                                                                               | SCIENTIFIC RESEARCH                                                                                | 79,208                            |

Note: To capture the full content of this document, please select landscape mode (11" x 8.5") when printing.

Schedule I (Form 990)

Grants and Other Assistance to Organizations, Governments and Individuals in the United States
Complete if the organization answered "Yes," on Form 990, Part IV, line 21 or 22.
Attach to Form 990.
Go to www.irs.gov/Form990 for the latest information.

OMB No 1545-0047
2018
Open to Public Inspection

Department of the Treasury Internal Revenue Service

Name of the organization CALIFORNIA INSTITUTE OF TECHNOLOGY

Employer identification number 95-1643307

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?
2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States

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

Table with 8 columns: (a) Name and address of organization or government, (b) EIN, (c) IRC section (if applicable), (d) Amount of cash grant, (e) Amount of non-cash assistance, (f) Method of valuation (book, FMV, appraisal, other), (g) Description of noncash assistance, (h) Purpose of grant or assistance. Includes rows for CALTECH Y and UNITED WAY GREATER LOS ANGELES.

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table . . . . . 2
3 Enter total number of other organizations listed in the line 1 table . . . . . 0

**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 noncash assistance | (e) Method of valuation (book, FMV, appraisal, other) | (f) Description of noncash assistance |
|---------------------------------|--------------------------|--------------------------|----------------------------------|-------------------------------------------------------|---------------------------------------|
| (1) STUDENT AID                 | 1712                     | 93,039,000               |                                  |                                                       |                                       |
| (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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE I, PART I, LINE 2 | THE INSTITUTE'S GRANTS AND ASSISTANCE WITHIN THE UNITED STATES CONSISTS PRIMARILY OF SCHOLARSHIPS AND FELLOWSHIPS AWARDED TO STUDENTS STUDENTS ARE SELECTED FOR SCHOLARSHIPS AND FELLOWSHIPS BASED ON ACADEMIC ACHIEVEMENT, FINANCIAL NEEDS, AND SIMILAR STANDARDS VARIOUS INSTITUTE OFFICES MONITOR ELIGIBILITY AND SATISFACTORY ACADEMIC PROGRESS BY GRANTEEES THE INSTITUTE MAKES AN ANNUAL \$75,000 GRANT TO THE CALTECH Y IN ADDITION, THE INSTITUTE ALLOWS THE CALTECH Y THE USE OF FACILITIES ON CAMPUS FREE OF CHARGE THE CALTECH Y IS A RELATED ORGANIZATION WHOSE MISSION IS TO SUPPORT THE STUDENTS OF CALTECH THROUGH VARIOUS ACTIVITIES THE INSTITUTE MAKES AN ANNUAL DONATION (DESIGNATED ASSISTANCE) TO THE UNITED WAY OF GREATER LOS ANGELES INSTITUTE OFFICES MONITOR THE GRANTEEES' PERFORMANCE ACCORDING TO THEIR RESPECTIVE PROGRAM SERVICES GOALS AND/OR PURSUANT TO OTHER AGREEMENTS |
| SCHEDULE I, PART III       | COLUMN (C) CASH GRANTS REPRESENT CREDIT ON ACCOUNTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

**Schedule J**  
(Form 990)

Department of the Treasury  
Internal Revenue Service

## Compensation Information

**For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees**

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 23.**  
▶ **Attach to Form 990.**  
▶ **Go to [www.irs.gov/Form990](http://www.irs.gov/Form990) for instructions and the latest information.**

OMB No 1545-0047

# 2018

**Open to Public Inspection**

Name of the organization  
CALIFORNIA INSTITUTE OF TECHNOLOGY

Employer identification number  
95-1643307

**Part I Questions Regarding Compensation**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                       | Yes                                                                                                                                                                                                                                                                                                                   | No |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--|--|
| <p><b>1a</b> Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input checked="" type="checkbox"/> First-class or charter travel<br/> <input type="checkbox"/> Travel for companions<br/> <input checked="" type="checkbox"/> Tax indemnification and gross-up payments<br/> <input type="checkbox"/> Discretionary spending account                 </td> <td style="width: 50%; vertical-align: top;"> <input checked="" type="checkbox"/> Housing allowance or residence for personal use<br/> <input type="checkbox"/> Payments for business use of personal residence<br/> <input type="checkbox"/> Health or social club dues or initiation fees<br/> <input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef)                 </td> </tr> </table> | <input checked="" type="checkbox"/> First-class or charter travel<br><input type="checkbox"/> Travel for companions<br><input checked="" type="checkbox"/> Tax indemnification and gross-up payments<br><input type="checkbox"/> Discretionary spending account                                                       | <input checked="" type="checkbox"/> Housing allowance or residence for personal use<br><input type="checkbox"/> Payments for business use of personal residence<br><input type="checkbox"/> Health or social club dues or initiation fees<br><input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef) |    |  |  |
| <input checked="" type="checkbox"/> First-class or charter travel<br><input type="checkbox"/> Travel for companions<br><input checked="" type="checkbox"/> Tax indemnification and gross-up payments<br><input type="checkbox"/> Discretionary spending account                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Housing allowance or residence for personal use<br><input type="checkbox"/> Payments for business use of personal residence<br><input type="checkbox"/> Health or social club dues or initiation fees<br><input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef) |                                                                                                                                                                                                                                                                                                                       |    |  |  |
| <p><b>b</b> If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>1b</b>                                                                                                                                                                                                                                                                                                             | Yes                                                                                                                                                                                                                                                                                                                   |    |  |  |
| <p><b>2</b> Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked in line 1a?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>2</b>                                                                                                                                                                                                                                                                                                              | Yes                                                                                                                                                                                                                                                                                                                   |    |  |  |
| <p><b>3</b> Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input checked="" type="checkbox"/> Compensation committee<br/> <input type="checkbox"/> Independent compensation consultant<br/> <input type="checkbox"/> Form 990 of other organizations                 </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Written employment contract<br/> <input checked="" type="checkbox"/> Compensation survey or study<br/> <input checked="" type="checkbox"/> Approval by the board or compensation committee                 </td> </tr> </table>                                                                                           | <input checked="" type="checkbox"/> Compensation committee<br><input type="checkbox"/> Independent compensation consultant<br><input type="checkbox"/> Form 990 of other organizations                                                                                                                                | <input type="checkbox"/> Written employment contract<br><input checked="" type="checkbox"/> Compensation survey or study<br><input checked="" type="checkbox"/> Approval by the board or compensation committee                                                                                                       |    |  |  |
| <input checked="" type="checkbox"/> Compensation committee<br><input type="checkbox"/> Independent compensation consultant<br><input type="checkbox"/> Form 990 of other organizations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Written employment contract<br><input checked="" type="checkbox"/> Compensation survey or study<br><input checked="" type="checkbox"/> Approval by the board or compensation committee                                                                                                       |                                                                                                                                                                                                                                                                                                                       |    |  |  |
| <p><b>4</b> During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization:</p> <p><b>a</b> Receive a severance payment or change-of-control payment?</p> <p><b>b</b> Participate in, or receive payment from, a supplemental nonqualified retirement plan?</p> <p><b>c</b> Participate in, or receive payment from, an equity-based compensation arrangement?</p> <p>If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>4a</b>                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                       | No |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>4b</b>                                                                                                                                                                                                                                                                                                             | Yes                                                                                                                                                                                                                                                                                                                   |    |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>4c</b>                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                       | No |  |  |
| <p><b>Only 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.</b></p> <p><b>5</b> For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:</p> <p><b>a</b> The organization?</p> <p><b>b</b> Any related organization?</p> <p>If "Yes," on line 5a or 5b, describe in Part III.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>5a</b>                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                       | No |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>5b</b>                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                       | No |  |  |
| <p><b>6</b> For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:</p> <p><b>a</b> The organization?</p> <p><b>b</b> Any related organization?</p> <p>If "Yes," on line 6a or 6b, describe in Part III.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>6a</b>                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                       | No |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>6b</b>                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                       | No |  |  |
| <p><b>7</b> For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described in lines 5 and 6? If "Yes," describe in Part III.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>7</b>                                                                                                                                                                                                                                                                                                              | Yes                                                                                                                                                                                                                                                                                                                   |    |  |  |
| <p><b>8</b> Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>8</b>                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                       | No |  |  |
| <p><b>9</b> If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>9</b>                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                       |    |  |  |

**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, LINE 1A | FIRST CLASS TRAVEL PURSUANT TO A WRITTEN POLICY, FIRST CLASS OR BUSINESS CLASS TRAVEL IS PERMITTED FOR CERTAIN EMPLOYEES UNDER CERTAIN CIRCUMSTANCES FOR BUSINESS PURPOSES. DURING CALENDAR YEAR 2018, FOUR OFFICERS AND ONE KEY EMPLOYEE RECEIVED FIRST CLASS OR CHARTER TRAVEL BENEFITS. TRAVEL FOR BUSINESS PURPOSES IS NOT INCLUDED IN TAXABLE WAGES. TAX INDEMNIFICATION AND GROSS UP PAYMENTS. DURING CALENDAR YEAR 2018, TWO HIGHEST COMPENSATED EMPLOYEES RECEIVED TAX INDEMNIFICATION AND GROSS UP PAYMENTS. HOUSING ALLOWANCE. HOUSING ALLOWANCES ARE PROVIDED TO CERTAIN OFFICERS, KEY EMPLOYEES, AND HIGHEST COMPENSATED EMPLOYEES AS PART OF THE INSTITUTE'S SALARY SUPPLEMENT HOUSING PROGRAM, WHICH IS GOVERNED BY A WRITTEN POLICY. DURING CALENDAR 2018, TWO OFFICERS, ONE KEY EMPLOYEE, AND TWO HIGHEST COMPENSATED EMPLOYEES RECEIVED HOUSING ALLOWANCE BENEFITS. PAYMENTS UNDER THIS PROGRAM ARE INCLUDED IN TAXABLE WAGES. THE PRESIDENT OCCUPIES AN INSTITUTE-OWNED RESIDENCE ON ITS CAMPUS AS A CONDITION OF EMPLOYMENT FOR THE CONVENIENCE OF THE INSTITUTE. THE PRESIDENT'S NONTAXABLE BENEFITS IN SCHEDULE J, PART I, COLUMN (D) INCLUDE \$ 38,613, AN ESTIMATE OF THE ANNUAL RENTAL VALUE OF THE PERSONAL SPACE OCCUPIED IN THAT RESIDENCE. |



| <b>Return Reference</b>     | <b>Explanation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE J, PART I, LINE 4B | TERMS AND CONDITIONS OF DEFERRED PERFORMANCE COMPENSATION PLAN FOR INVESTMENT PROFESSIONALS IN 2011, THE INSTITUTE ESTABLISHED A PERFORMANCE COMPENSATION PLAN ("PLAN") TO ASSIST WITH RECRUITMENT AND RETENTION FOR ITS INVESTMENT OFFICE UNDER THE TERMS OF THE PLAN, PARTICIPANTS ARE ELIGIBLE FOR CERTAIN AWARDS BASED ON THE PERFORMANCE OF THE INSTITUTE'S INVESTMENT OFFICE EACH CALENDAR YEAR, AS MEASURED BY CERTAIN QUANTITATIVE AND QUALITATIVE FACTORS DURING CALENDAR YEAR 2018, TWO INDIVIDUALS REPORTED IN SCHEDULE J, SCOTT RICHLAND AND PASY WANG, RECEIVED SUCH COMPENSATION 50% OF THE AWARDS UNDER THE PLAN ARE PAID DURING THE CALENDAR YEAR SUBSEQUENT TO THE END OF THE PERFORMANCE MEASUREMENT PERIOD, WHILE THE REMAINING 50% OF EACH YEAR'S AWARD IS DEFERRED, VESTS, AND IS PAID IN THREE OR FOUR ANNUAL INSTALLMENTS, AS ADJUSTED BY THE POSITIVE OR NEGATIVE PERFORMANCE OF THE ENDOWMENT EACH YEAR MR RICHLAND AND MS WANG'S INDIVIDUAL AMOUNTS IN COLUMN B(II), "BONUS AND INCENTIVE COMPENSATION," COMPRISE PLAN CASH AMOUNTS PAID PURSUANT TO THE PLAN DURING CALENDAR YEAR 2018 AND REPRESENT THE AGGREGATE OF 50% OF EACH EMPLOYEES' RESPECTIVE AWARD FOR CALENDAR YEAR 2017 AND INSTALLMENTS FROM AMOUNTS DEFERRED FROM 2013-2016 AMOUNTS IN COLUMN C NOTED AS "DEFERRED INCENTIVE COMPENSATION (EARNED IN 2018)" REPRESENT THE CALENDAR YEAR 2018 AWARD, AND ARE SUBJECT TO FORFEITURE UNDER CERTAIN CIRCUMSTANCES SUCH AMOUNTS WOULD BE PAID IN INSTALLMENTS, ALONG WITH PRIOR YEARS' DEFERRALS, IN CALENDAR YEAR 2019 AND BEYOND |

| <b>Return Reference</b>    | <b>Explanation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE J, PART I, LINE 7 | CERTAIN INDIVIDUALS LISTED IN PART I OF SCHEDULE J RECEIVED BONUSES IN RECOGNITION OF EXCELLENT JOB PERFORMANCE OR AS A NEGOTIATED PAYMENT AT THE BEGINNING OF AN EMPLOYMENT ARRANGEMENT BONUS RECIPIENTS' NAMES AND AMOUNTS PAID ARE SHOWN IN SCHEDULE J, PART II, COLUMN B(II) SCOTT H RICHLAND - CHIEF INVESTMENT OFFICER AND PASY ISABELLA WANG - SENIOR DIRECTOR OF INVESTMENTS THE INSTITUTE OFFERS INCENTIVE COMPENSATION TO CERTAIN INVESTMENT PROFESSIONALS BASED UPON THE INSTITUTE'S INVESTMENT PERFORMANCE SEE RESPONSE TO QUESTION 4B ABOVE |



Schedule J Form 990 2018



| <b>Form 990, Schedule J, Part II - Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees</b> |      |                                                           |                                            |                                            |                                                       |                                |                                        |                                                                              |
|------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------------------|--------------------------------|----------------------------------------|------------------------------------------------------------------------------|
| <b>(A)</b> Name and Title                                                                                              |      | <b>(B)</b> Breakdown of W-2 and/or 1099-MISC compensation |                                            |                                            | <b>(C)</b> Retirement and other deferred compensation | <b>(D)</b> Nontaxable benefits | <b>(E)</b> Total of columns (B)(i)-(D) | <b>(F)</b> Compensation in column (B) reported as deferred on prior Form 990 |
|                                                                                                                        |      | <b>(i)</b> Base Compensation                              | <b>(ii)</b> Bonus & incentive compensation | <b>(iii)</b> Other reportable compensation |                                                       |                                |                                        |                                                                              |
| FREDERIC FARINA<br>CHIEF INNOV & CORP OFF                                                                              | (i)  | 438,489                                                   | 0                                          | 18,665                                     | 31,181                                                | 22,034                         | 510,369                                | 0                                                                            |
|                                                                                                                        | (ii) | 0                                                         | 0                                          | 0                                          | 0                                                     | 0                              | 0                                      | 0                                                                            |
| JAKOB J VAN ZYL<br>DIR FOR SOLAR SYSTEM<br>EXPLOR                                                                      | (i)  | 372,981                                                   | 10,000                                     | 18,451                                     | 42,181                                                | 12,435                         | 456,048                                | 0                                                                            |
|                                                                                                                        | (ii) | 0                                                         | 0                                          | 0                                          | 0                                                     | 0                              | 0                                      | 0                                                                            |
| MARC J GOETTEL<br>DIR BUS OPS JPL                                                                                      | (i)  | 295,130                                                   | 0                                          | 18,500                                     | 42,181                                                | 17,496                         | 373,307                                | 0                                                                            |
|                                                                                                                        | (ii) | 0                                                         | 0                                          | 0                                          | 0                                                     | 0                              | 0                                      | 0                                                                            |
| CHARLES ELACHI<br>FORMER DIRECTOR JPL                                                                                  | (i)  | 174,930                                                   | 0                                          | 0                                          | 0                                                     | 0                              | 174,930                                | 0                                                                            |
|                                                                                                                        | (ii) | 0                                                         | 0                                          | 0                                          | 0                                                     | 0                              | 0                                      | 0                                                                            |
| LIHONG WANG<br>BREN PROFESSOR OF<br>ENGINEERING                                                                        | (i)  | 291,767                                                   | 0                                          | 151,141                                    | 31,181                                                | 29,530                         | 503,619                                | 0                                                                            |
|                                                                                                                        | (ii) | 0                                                         | 0                                          | 0                                          | 0                                                     | 0                              | 0                                      | 0                                                                            |

Note: To capture the full content of this document, please select landscape mode (11" x 8.5") when printing.

**Schedule K (Form 990)**

**Supplemental Information on Tax-Exempt Bonds**

▶ Complete if the organization answered "Yes" to Form 990, Part VI, line 24a. Provide descriptions, explanations, and any additional information in Part VI.  
 ▶ Attach to Form 990.  
 ▶ Go to [www.irs.gov/Form990](http://www.irs.gov/Form990) for the latest information.

OMB No 1545-0047

**2018**

**Open to Public Inspection**

Department of the Treasury  
Internal Revenue Service

Name of the organization  
CALIFORNIA INSTITUTE OF TECHNOLOGY

Employer identification number  
95-1643307

**Part I Bond Issues**

| (a) Issuer name                               | (b) Issuer EIN | (c) CUSIP # | (d) Date issued | (e) Issue price | (f) Description of purpose         | (g) Defeased |    | (h) On behalf of issuer |    | (i) Pool financing |    |
|-----------------------------------------------|----------------|-------------|-----------------|-----------------|------------------------------------|--------------|----|-------------------------|----|--------------------|----|
|                                               |                |             |                 |                 |                                    | Yes          | No | Yes                     | No | Yes                | No |
| A CALIFORNIA EDUCATIONAL FACILITIES AUTHORITY | 52-1705592     | 130178EZ5   | 07-12-2006      | 165,000,000     | FIN VAR CAP PROJECTS REFUND SER 03 |              | X  |                         | X  |                    | X  |

**Part II Proceeds**

|                                                                                                                     | A           | B  | C   | D  |
|---------------------------------------------------------------------------------------------------------------------|-------------|----|-----|----|
| 1 Amount of bonds retired . . . . .                                                                                 | 0           |    |     |    |
| 2 Amount of bonds legally defeased . . . . .                                                                        | 0           |    |     |    |
| 3 Total proceeds of issue . . . . .                                                                                 | 184,062,305 |    |     |    |
| 4 Gross proceeds in reserve funds . . . . .                                                                         | 0           |    |     |    |
| 5 Capitalized interest from proceeds . . . . .                                                                      | 0           |    |     |    |
| 6 Proceeds in refunding escrows . . . . .                                                                           | 0           |    |     |    |
| 7 Issuance costs from proceeds . . . . .                                                                            | 1,340,471   |    |     |    |
| 8 Credit enhancement from proceeds . . . . .                                                                        | 0           |    |     |    |
| 9 Working capital expenditures from proceeds . . . . .                                                              | 0           |    |     |    |
| 10 Capital expenditures from proceeds . . . . .                                                                     | 93,471,834  |    |     |    |
| 11 Other spent proceeds . . . . .                                                                                   | 89,250,000  |    |     |    |
| 12 Other unspent proceeds . . . . .                                                                                 | 0           |    |     |    |
| 13 Year of substantial completion . . . . .                                                                         | 2010        |    |     |    |
|                                                                                                                     | Yes         | No | Yes | No |
| 14 Were the bonds issued as part of a current refunding issue? . . . . .                                            |             | X  |     |    |
| 15 Were the bonds issued as part of an advance refunding issue? . . . . .                                           | X           |    |     |    |
| 16 Has the final allocation of proceeds been made? . . . . .                                                        | X           |    |     |    |
| 17 Does the organization maintain adequate books and records to support the final allocation of proceeds? . . . . . | X           |    |     |    |

**Part III Private Business Use**

|                                                                                                                                        | A   |    | B   |    | C   |    | D   |    |
|----------------------------------------------------------------------------------------------------------------------------------------|-----|----|-----|----|-----|----|-----|----|
|                                                                                                                                        | Yes | No | Yes | No | Yes | No | Yes | No |
| 1 Was the organization a partner in a partnership, or a member of an LLC, which owned property financed by tax-exempt bonds? . . . . . |     | X  |     |    |     |    |     |    |
| 2 Are there any lease arrangements that may result in private business use of bond-financed property? . . . . .                        | X   |    |     |    |     |    |     |    |

**Part III Private Business Use** (Continued)

|                                                                                                                                                                                                                                                           | A       |    | B   |    | C   |    | D   |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----|-----|----|-----|----|-----|----|
|                                                                                                                                                                                                                                                           | Yes     | No | Yes | No | Yes | No | Yes | No |
| <b>3a</b> Are there any management or service contracts that may result in private business use of bond-financed property? . . . . .                                                                                                                      |         | X  |     |    |     |    |     |    |
| <b>b</b> If "Yes" to line 3a, does the organization routinely engage bond counsel or other outside counsel to review any management or service contracts relating to the financed property?                                                               |         |    |     |    |     |    |     |    |
| <b>c</b> Are there any research agreements that may result in private business use of bond-financed property? . . . . .                                                                                                                                   | X       |    |     |    |     |    |     |    |
| <b>d</b> If "Yes" to line 3c, does the organization routinely engage bond counsel or other outside counsel to review any research agreements relating to the financed property?                                                                           | X       |    |     |    |     |    |     |    |
| <b>4</b> Enter the percentage of financed property used in a private business use by entities other than a section 501(c)(3) organization or a state or local government . . . . . ▶                                                                      | 0 900 % |    |     |    |     |    |     |    |
| <b>5</b> Enter the percentage of financed property used in a private business use as a result of unrelated trade or business activity carried on by your organization, another section 501(c)(3) organization, or a state or local government . . . . . ▶ | 0 %     |    |     |    |     |    |     |    |
| <b>6</b> Total of lines 4 and 5 . . . . .                                                                                                                                                                                                                 | 0 900 % |    |     |    |     |    |     |    |
| <b>7</b> Does the bond issue meet the private security or payment test? . . . . .                                                                                                                                                                         |         | X  |     |    |     |    |     |    |
| <b>8a</b> Has there been a sale or disposition of any of the bond-financed property to a nongovernmental person other than a 501(c)(3) organization since the bonds were issued? . . . . .                                                                |         | X  |     |    |     |    |     |    |
| <b>b</b> If "Yes" to line 8a, enter the percentage of bond-financed property sold or disposed of . . . . .                                                                                                                                                | 0 %     |    |     |    |     |    |     |    |
| <b>c</b> If "Yes" to line 8a, was any remedial action taken pursuant to Regulations sections 1 141-12 and 1 145-2? . . . . .                                                                                                                              |         | X  |     |    |     |    |     |    |
| <b>9</b> Has the organization established written procedures to ensure that all nonqualified bonds of the issue are remediated in accordance with the requirements under Regulations sections 1 141-12 and 1 145-2? . . . . .                             | X       |    |     |    |     |    |     |    |

**Part IV Arbitrage**

|                                                                                                                                 | A                 |    | B   |    | C   |    | D   |    |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------|----|-----|----|-----|----|-----|----|
|                                                                                                                                 | Yes               | No | Yes | No | Yes | No | Yes | No |
| <b>1</b> Has the issuer filed Form 8038-T, Arbitrage Rebate, Yield Reduction and Penalty in Lieu of Arbitrage Rebate? . . . . . |                   | X  |     |    |     |    |     |    |
| <b>2</b> If "No" to line 1, did the following apply? . . . . .                                                                  |                   |    |     |    |     |    |     |    |
| <b>a</b> Rebate not due yet? . . . . .                                                                                          |                   | X  |     |    |     |    |     |    |
| <b>b</b> Exception to rebate? . . . . .                                                                                         | X                 |    |     |    |     |    |     |    |
| <b>c</b> No rebate due? . . . . .                                                                                               | X                 |    |     |    |     |    |     |    |
| If "Yes" to line 2c, provide in Part VI the date the rebate computation was performed . . . . .                                 |                   |    |     |    |     |    |     |    |
| <b>3</b> Is the bond issue a variable rate issue? . . . . .                                                                     | X                 |    |     |    |     |    |     |    |
| <b>4a</b> Has the organization or the governmental issuer entered into a qualified hedge with respect to the bond issue?        | X                 |    |     |    |     |    |     |    |
| <b>b</b> Name of provider . . . . .                                                                                             | BANK OF NY MELLON |    |     |    |     |    |     |    |
| <b>c</b> Term of hedge . . . . .                                                                                                | 3030 %            |    |     |    |     |    |     |    |
| <b>d</b> Was the hedge superintegrated? . . . . .                                                                               |                   | X  |     |    |     |    |     |    |
| <b>e</b> Was the hedge terminated? . . . . .                                                                                    |                   | X  |     |    |     |    |     |    |

**Part IV Arbitrage** (Continued)

|                                                                                                                    | A                    |    | B   |    | C   |    | D   |    |
|--------------------------------------------------------------------------------------------------------------------|----------------------|----|-----|----|-----|----|-----|----|
|                                                                                                                    | Yes                  | No | Yes | No | Yes | No | Yes | No |
| <b>5a</b> Were gross proceeds invested in a guaranteed investment contract (GIC)?                                  | X                    |    |     |    |     |    |     |    |
| <b>b</b> Name of provider . . . . .                                                                                | CITIGROUP GLOBAL TRA |    |     |    |     |    |     |    |
| <b>c</b> Term of GIC . . . . .                                                                                     | 2 %                  |    |     |    |     |    |     |    |
| <b>d</b> Was the regulatory safe harbor for establishing the fair market value of the GIC satisfied? . . . . .     | X                    |    |     |    |     |    |     |    |
| <b>6</b> Were any gross proceeds invested beyond an available temporary period?                                    |                      | X  |     |    |     |    |     |    |
| <b>7</b> Has the organization established written procedures to monitor the requirements of section 148? . . . . . | X                    |    |     |    |     |    |     |    |

**Part V Procedures To Undertake Corrective Action**

|                                                                                                                                                                                                                                                                  | A   |    | B   |    | C   |    | D   |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|-----|----|-----|----|-----|----|
|                                                                                                                                                                                                                                                                  | Yes | No | Yes | No | Yes | No | Yes | No |
| Has the organization established written procedures to ensure that violations of federal tax requirements are timely identified and corrected through the voluntary closing agreement program if self-remediation is not available under applicable regulations? | X   |    |     |    |     |    |     |    |

**Part VI Supplemental Information.** Provide additional information for responses to questions on Schedule K (see instructions).

| Return Reference | Explanation                                                                                                                                                                                                                                                                                                |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COLUMN A         | DIFFERENCE BETWEEN AMOUNT IN PART I(E) AND PART II, IINE 3 IS DUE TO INTEREST EARNED ON INVESTED PROCEEDS PART I (F) - THE ISSUE DATE OF THE SERIES 2003 BONDS IS 01/15/2003 PART IV, LINE 2C - THE REBATE COMPUTATION WAS PERFORMED ON AUGUST 20, 2012, FOR THE COMPUTATION PERIOD ENDING ON JULY 1, 2012 |



**Schedule L**  
(Form 990 or 990-EZ)

**Transactions with Interested Persons**

OMB No 1545-0047

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, lines 25a, 25b, 26, 27, 28a, 28b, or 28c, or Form 990-EZ, Part V, line 38a or 40b.**  
 ▶ **Attach to Form 990 or Form 990-EZ.**  
 ▶ **Go to [www.irs.gov/Form990](http://www.irs.gov/Form990) for the latest information.**

**2018**

**Open to Public Inspection**

Department of the Treasury  
Internal Revenue Service

Name of the organization  
CALIFORNIA INSTITUTE OF TECHNOLOGY

Employer identification number  
95-1643307

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

| 1 | (a) Name of disqualified person | (b) Relationship between disqualified person and organization | (c) Description of transaction | (d) Corrected? |    |
|---|---------------------------------|---------------------------------------------------------------|--------------------------------|----------------|----|
|   |                                 |                                                               |                                | Yes            | No |
|   |                                 |                                                               |                                |                |    |
|   |                                 |                                                               |                                |                |    |
|   |                                 |                                                               |                                |                |    |
|   |                                 |                                                               |                                |                |    |
|   |                                 |                                                               |                                |                |    |
|   |                                 |                                                               |                                |                |    |

2 Enter the amount of tax incurred by organization managers or disqualified persons during the year under section 4958 . . . . . ▶ \$ \_\_\_\_\_  
 3 Enter the amount of tax, if any, on line 2, above, reimbursed by the organization . . . . . ▶ \$ \_\_\_\_\_

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

| (a) Name of interested person | (b) Relationship with organization | (c) Purpose of loan | (d) Loan to or from the organization? |      | (e) Original principal amount | (f) Balance due | (g) In default? |    | (h) Approved by board or committee? |    | (i) Written agreement? |    |
|-------------------------------|------------------------------------|---------------------|---------------------------------------|------|-------------------------------|-----------------|-----------------|----|-------------------------------------|----|------------------------|----|
|                               |                                    |                     | To                                    | From |                               |                 | Yes             | No | Yes                                 | No | Yes                    | No |
|                               |                                    |                     |                                       |      |                               |                 |                 |    |                                     |    |                        |    |
|                               |                                    |                     |                                       |      |                               |                 |                 |    |                                     |    |                        |    |
|                               |                                    |                     |                                       |      |                               |                 |                 |    |                                     |    |                        |    |
|                               |                                    |                     |                                       |      |                               |                 |                 |    |                                     |    |                        |    |
|                               |                                    |                     |                                       |      |                               |                 |                 |    |                                     |    |                        |    |
|                               |                                    |                     |                                       |      |                               |                 |                 |    |                                     |    |                        |    |
|                               |                                    |                     |                                       |      |                               |                 |                 |    |                                     |    |                        |    |
|                               |                                    |                     |                                       |      |                               |                 |                 |    |                                     |    |                        |    |
| Total                         |                                    |                     |                                       |      |                               | ▶ \$            |                 |    |                                     |    |                        |    |

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

| (a) Name of interested person | (b) Relationship between interested person and the organization | (c) Amount of assistance | (d) Type of assistance | (e) Purpose of assistance |
|-------------------------------|-----------------------------------------------------------------|--------------------------|------------------------|---------------------------|
| (1) JANET CAMPAGNA            | TRUSTEE                                                         | 86,242                   | SEE PART V             | SEE PART V                |
|                               |                                                                 |                          |                        |                           |
|                               |                                                                 |                          |                        |                           |
|                               |                                                                 |                          |                        |                           |
|                               |                                                                 |                          |                        |                           |

**Part IV Business Transactions Involving Interested Persons.**

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

| (a) Name of interested person | (b) Relationship between interested person and the organization | (c) Amount of transaction | (d) Description of transaction | (e) Sharing of organization's revenues? |    |
|-------------------------------|-----------------------------------------------------------------|---------------------------|--------------------------------|-----------------------------------------|----|
|                               |                                                                 |                           |                                | Yes                                     | No |
| See Additional Data Table     |                                                                 |                           |                                |                                         |    |
|                               |                                                                 |                           |                                |                                         |    |
|                               |                                                                 |                           |                                |                                         |    |
|                               |                                                                 |                           |                                |                                         |    |

**Part V Supplemental Information**

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

| Return Reference             | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE L, PART III, LINE 1 | A FAMILY MEMBER OF AN INTERESTED PERSON RECEIVED GRADUATE FINANCIAL ASSISTANCE WHILE ATTENDING CALTECH, TOTALING \$86,242 IN STIPEND AND TUITION REMISSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SCHEDULE L, PART IV          | NAME OF PERSON GLENAIR, INC ("GLENAIR") RELATIONSHIP BETWEEN INTERESTED PERSON AND ORGANIZATION PETER D KAUFMAN, A TRUSTEE OF THE INSTITUTE, IS ALSO CHAIRMAN AND CHIEF EXECUTIVE OFFICER OF GLENAIR AMOUNT OF TRANSACTION AGGREGATE \$557,000 FOR THE YEAR ENDED SEPTEMBER 30, 2019 DESCRIPTION OF TRANSACTION GLENAIR IS A U S - BASED COMPANY THAT SPECIALIZES IN THE MANUFACTURING OF ELECTRONIC COMPONENTS THE INSTITUTE HAS PROCURED COMPONENTS FROM GLENAIR IN THE NORMAL COURSE OF BUSINESS, AT ARM'S LENGTH AND IN ACCORDANCE WITH INSTITUTE PROCUREMENT POLICIES AND PROCEDURES MR KAUFMAN DID NOT PARTICIPATE IN, AND WAS EXCLUDED FROM, THE INSTITUTE'S DELIBERATIONS AND DECISIONS WITH RESPECT TO THESE PROCUREMENTS NAME OF PERSON IONSPACE, INC ("IONSPACE") RELATIONSHIP BETWEEN INTERESTED PERSON AND ORGANIZATION DR CHARLES ELACHI, A FORMER OFFICER OF THE INSTITUTE, IS THE CHIEF EXECUTIVE OFFICER OF IONSPACE AMOUNT OF TRANSACTION FEES OF \$246,000 DESCRIPTION OF TRANSACTION CALTECH CONTRACTED WITH IONSPACE TO PROVIDE CERTAIN TECHNICAL AND SCIENTIFIC SUPPORT SERVICES TO JPL IN SUPPORT OF THE CLOSEOUT AND DATA ANALYSIS PHASES OF ONE OF JPL'S DEEP SPACE MISSIONS THE AWARD WAS BASED ON NASA'S SELECTION OF DR ELACHI AS A SCIENCE TEAM LEAD FOR THE CASSINI PROJECT NAME OF PERSON CANYON CAPITAL ADVISORS, LLC ("CANYON") RELATIONSHIP BETWEEN INTERESTED PERSON AND ORGANIZATION JOSHUA S FRIEDMAN, A TRUSTEE OF THE INSTITUTE, IS ALSO A FOUNDING PARTNER, CO-CHAIRMAN, AND CO-CEO OF CANYON AMOUNT OF TRANSACTION MANAGEMENT FEES, PERFORMANCE FEES AND EXPENSES OF \$746,328 DESCRIPTION OF TRANSACTION THE INSTITUTE IS AN INVESTOR IN TWO FUNDS MANAGED BY CANYON THE INVESTMENT WITH CANYON ("THE TRANSACTION") WAS MADE DURING THE INSTITUTE'S FISCAL YEAR 2012 AFTER AN INDEPENDENT COMMITTEE OF TRUSTEES CONSIDERED THE TRANSACTION IN ACCORDANCE WITH INSTITUTE POLICY AND DETERMINED THAT THE TRANSACTION WAS FAIR AND REASONABLE AS TO THE INSTITUTE AND THE ECONOMIC BENEFIT PROVIDED BY THE INSTITUTE DID NOT EXCEED THE FAIR MARKET VALUE OF THE CONSIDERATION RECEIVED BY THE INSTITUTE, THE TRANSACTION WAS ENTERED INTO SOLELY FOR THE BENEFIT OF THE INSTITUTE, AND THE INSTITUTE COULD NOT HAVE OBTAINED A MORE ADVANTAGEOUS ARRANGEMENT WITH REASONABLE EFFORT UNDER THE CIRCUMSTANCES DURING THE YEAR ENDED SEPTEMBER 30, 2019, THE INSTITUTE'S INVESTMENTS IN CANYON FUNDS INCURRED \$746,328 IN MANAGEMENT FEES, PERFORMANCE FEES AND EXPENSES AS OF SEPTEMBER 30, 2019, ACCRUED AND UNPAID MANAGEMENT FEES, PERFORMANCE FEES AND EXPENSES TOTALED \$255,097 AS OF SEPTEMBER 30, 2019, CANYON HAD TOTAL ASSETS UNDER MANAGEMENT OF APPROXIMATELY \$26 BILLION |

## Additional Data

**Software ID:**

**Software Version:**

**EIN:** 95-1643307

**Name:** CALIFORNIA INSTITUTE OF TECHNOLOGY

### Form 990, Schedule L, Part IV - Business Transactions Involving Interested Persons

| (a) Name of interested person | (b) Relationship between interested person and the organization | (c) Amount of transaction | (d) Description of transaction | (e) Sharing of organization's revenues? |    |
|-------------------------------|-----------------------------------------------------------------|---------------------------|--------------------------------|-----------------------------------------|----|
|                               |                                                                 |                           |                                | Yes                                     | No |
| PEDRO J PIZARRO               | TRUSTEE                                                         | 111,000                   | FAM MEMBER(S) EMPLOYED BY CIT  |                                         | No |
| THOMAS F ROSENBAUM            | PRESIDENT/TRUSTEE                                               | 305,000                   | FAM MEMBER(S) EMPLOYED BY CIT  |                                         | No |

| <b>Form 990, Schedule L, Part IV - Business Transactions Involving Interested Persons</b> |                                                                        |                                  |                                       |                                                |           |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------|---------------------------------------|------------------------------------------------|-----------|
| <b>(a)</b> Name of interested person                                                      | <b>(b)</b> Relationship between interested person and the organization | <b>(c)</b> Amount of transaction | <b>(d)</b> Description of transaction | <b>(e)</b> Sharing of organization's revenues? |           |
|                                                                                           |                                                                        |                                  |                                       | <b>Yes</b>                                     | <b>No</b> |
| SHIRLEY M MALCOLM                                                                         | TRUSTEE                                                                | 297,000                          | FAM MEMBER(S) EMPLOYED BY CIT         |                                                | No        |
| STEPHEN ONDERDONK                                                                         | TRUSTEE                                                                | 407,000                          | FAM MEMBER(S) EMPLOYED BY CIT         |                                                | No        |

| <b>Form 990, Schedule L, Part IV - Business Transactions Involving Interested Persons</b> |                                                                        |                                  |                                       |                                                |           |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------|---------------------------------------|------------------------------------------------|-----------|
| <b>(a)</b> Name of interested person                                                      | <b>(b)</b> Relationship between interested person and the organization | <b>(c)</b> Amount of transaction | <b>(d)</b> Description of transaction | <b>(e)</b> Sharing of organization's revenues? |           |
|                                                                                           |                                                                        |                                  |                                       | <b>Yes</b>                                     | <b>No</b> |
| EDWARD M STOLPER                                                                          | FORMER PROVOST                                                         | 168,000                          | FAM MEMBER(S) EMPLOYED BY CIT         |                                                | No        |
| VICTORIA D STRATMAN                                                                       | GENERAL COUNSEL                                                        | 133,000                          | FAM MEMBER(S) EMPLOYED BY CIT         |                                                | No        |

**Form 990, Schedule L, Part IV - Business Transactions Involving Interested Persons**

| (a) Name of interested person | (b) Relationship between interested person and the organization | (c) Amount of transaction | (d) Description of transaction | (e) Sharing of organization's revenues? |    |
|-------------------------------|-----------------------------------------------------------------|---------------------------|--------------------------------|-----------------------------------------|----|
|                               |                                                                 |                           |                                | Yes                                     | No |
| MARY L WEBSTER                | SECRETARY                                                       | 75,000                    | FAM MEMBER(S) EMPLOYED BY CIT  |                                         | No |
| RENE FRADET                   | CFO, JPL                                                        | 10,400                    | FAM MEMBER(S) EMPLOYED BY CIT  |                                         | No |

**Form 990, Schedule L, Part IV - Business Transactions Involving Interested Persons**

| (a) Name of interested person | (b) Relationship between interested person and the organization | (c) Amount of transaction | (d) Description of transaction | (e) Sharing of organization's revenues? |    |
|-------------------------------|-----------------------------------------------------------------|---------------------------|--------------------------------|-----------------------------------------|----|
|                               |                                                                 |                           |                                | Yes                                     | No |
| CAROL SCHUIL                  | EA TO PRES/ASST SEC                                             | 26,000                    | FAM MEMBER(S) EMPLOYED BY CIT  |                                         | No |
| GLENAIR INC                   | SEE PART V                                                      | 557,000                   | SEE PART V                     |                                         | No |

**Form 990, Schedule L, Part IV - Business Transactions Involving Interested Persons**

| (a) Name of interested person | (b) Relationship between interested person and the organization | (c) Amount of transaction | (d) Description of transaction | (e) Sharing of organization's revenues? |    |
|-------------------------------|-----------------------------------------------------------------|---------------------------|--------------------------------|-----------------------------------------|----|
|                               |                                                                 |                           |                                | Yes                                     | No |
| IONSPACE INC                  | SEE PART V                                                      | 246,000                   | SEE PART V                     |                                         | No |
| CANYON CAPITAL ADVISORS LLC   | SEE PART V                                                      | 746,328                   | SEE PART V                     |                                         | No |



**SCHEDULE M  
(Form 990)**

**Noncash Contributions**

OMB No 1545-0047

**2018**

▶ **Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.**  
 ▶ **Attach to Form 990.**  
 ▶ **Go to [www.irs.gov/Form990](http://www.irs.gov/Form990) for the latest information.**

**Open to Public Inspection**

Department of the Treasury  
Internal Revenue Service

Name of the organization  
CALIFORNIA INSTITUTE OF TECHNOLOGY

Employer identification number  
95-1643307

**Part I Types of Property**

|                                                                      | (a)<br>Check if applicable | (b)<br>Number of contributions or items contributed | (c)<br>Noncash contribution amounts reported on Form 990, Part VIII, line 1g | (d)<br>Method of determining noncash contribution amounts |
|----------------------------------------------------------------------|----------------------------|-----------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------|
| 1 Art—Works of art . . . . .                                         |                            |                                                     |                                                                              |                                                           |
| 2 Art—Historical treasures . . . . .                                 |                            |                                                     |                                                                              |                                                           |
| 3 Art—Fractional interests . . . . .                                 |                            |                                                     |                                                                              |                                                           |
| 4 Books and publications . . . . .                                   |                            |                                                     |                                                                              |                                                           |
| 5 Clothing and household goods . . . . .                             |                            |                                                     |                                                                              |                                                           |
| 6 Cars and other vehicles . . . . .                                  |                            |                                                     |                                                                              |                                                           |
| 7 Boats and planes . . . . .                                         |                            |                                                     |                                                                              |                                                           |
| 8 Intellectual property . . . . .                                    |                            |                                                     |                                                                              |                                                           |
| 9 Securities—Publicly traded . . . . .                               | X                          | 62                                                  | 3,242,313                                                                    | hi-lo avg                                                 |
| 10 Securities—Closely held stock . . . . .                           |                            |                                                     |                                                                              |                                                           |
| 11 Securities—Partnership, LLC, or trust interests . . . . .         |                            |                                                     |                                                                              |                                                           |
| 12 Securities—Miscellaneous . . . . .                                |                            |                                                     |                                                                              |                                                           |
| 13 Qualified conservation contribution—Historic structures . . . . . |                            |                                                     |                                                                              |                                                           |
| 14 Qualified conservation contribution—Other . . . . .               |                            |                                                     |                                                                              |                                                           |
| 15 Real estate—Residential . . . . .                                 |                            |                                                     |                                                                              |                                                           |
| 16 Real estate—Commercial . . . . .                                  |                            |                                                     |                                                                              |                                                           |
| 17 Real estate—Other . . . . .                                       |                            |                                                     |                                                                              |                                                           |
| 18 Collectibles . . . . .                                            |                            |                                                     |                                                                              |                                                           |
| 19 Food inventory . . . . .                                          |                            |                                                     |                                                                              |                                                           |
| 20 Drugs and medical supplies . . . . .                              |                            |                                                     |                                                                              |                                                           |
| 21 Taxidermy . . . . .                                               |                            |                                                     |                                                                              |                                                           |
| 22 Historical artifacts . . . . .                                    |                            |                                                     |                                                                              |                                                           |
| 23 Scientific specimens . . . . .                                    |                            |                                                     |                                                                              |                                                           |
| 24 Archeological artifacts . . . . .                                 |                            |                                                     |                                                                              |                                                           |
| 25 Other ▶ ( EQUIPMENT )                                             | X                          | 4                                                   | 8,155,451                                                                    | INVENTORY&PLACE MARK                                      |
| 26 Other ▶ ( MISCELLANEOUS )                                         | X                          | 11                                                  | 28,013                                                                       | Retail & Place Mark                                       |
| 27 Other ▶ ( _____ )                                                 |                            |                                                     |                                                                              |                                                           |
| 28 Other ▶ ( _____ )                                                 |                            |                                                     |                                                                              |                                                           |

29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part IV, Donee Acknowledgement **29** 0

|                                                                                                                                                                                                                                                                                                                | Yes | No |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 30a During the year, did the organization receive by contribution any property reported in Part I, lines 1 through 28, that it must hold for at least three years from the date of the initial contribution, and which is not required to be used for exempt purposes for the entire holding period? . . . . . |     | No |
| b If "Yes," describe the arrangement in Part II                                                                                                                                                                                                                                                                |     |    |
| 31 Does the organization have a gift acceptance policy that requires the review of any nonstandard contributions?                                                                                                                                                                                              | Yes |    |
| 32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions? . . . . .                                                                                                                                                                     | Yes |    |
| b If "Yes," describe in Part II                                                                                                                                                                                                                                                                                |     |    |
| 33 If the organization did not report an amount in column (c) for a type of property for which column (a) is checked, describe in Part II                                                                                                                                                                      |     |    |

**Part II Supplemental Information.**

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

| Return Reference               | Explanation                                                                                                                                                                                                                         |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE M, PART I             | CONTRIBUTION AMOUNTS ARE PRESENTED ON THE ACCRUAL BASIS CONSISTENT WITH GENERALLY ACCEPTED ACCOUNTING PRINCIPLES, AND THEREFORE MAY PRODUCE DIFFERENT RESULTS FROM COMPUTATIONS USING IRS-REQUIRED METHODOLOGY APPLICABLE TO DONORS |
| SCHEDULE M, PART I, COLUMN (B) | AMOUNTS IN THIS COLUMN REFLECT THE NUMBER OF CONTRIBUTORS                                                                                                                                                                           |
| SCHEDULE M, PART I, LINE 25    | EQUIPMENT DONATED FOR RESEARCH AND INSTRUCTION                                                                                                                                                                                      |
| SCHEDULE M, PART I, LINE 26    | MISCELLANEOUS ITEMS NON-CAPITAL EQUIPMENT, POSTAGE, A MODEL CAR, A SCULPTURE, AN ANTIQUE PH METER, HISTORICAL DOCUMENTS                                                                                                             |
| SCHEDULE M, PART I, LINE 32B   | THE INSTITUTE MAY UTILIZE THIRD PARTY BROKERS TO SELL SECURITIES AND REAL ESTATE                                                                                                                                                    |

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

▶ Go to [www.irs.gov/Form990](http://www.irs.gov/Form990) for the latest information.

OMB No 1545-0047

**2018****Open to Public Inspection**

Department of the Treasury

Name of the organization

CALIFORNIA INSTITUTE OF TECHNOLOGY

Employer identification number

95-1643307

**990 Schedule O, Supplemental Information**

| Return Reference                 | Explanation                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990, PART I AND III, LINE 1 | THE MISSION OF THE CALIFORNIA INSTITUTE OF TECHNOLOGY ("THE INSTITUTE" CALTECH") IS TO EXPAND HUMAN KNOWLEDGE AND BENEFIT SOCIETY THROUGH RESEARCH INTEGRATED WITH EDUCATION. WE INVESTIGATE THE MOST CHALLENGING, FUNDAMENTAL PROBLEMS IN SCIENCE AND TECHNOLOGY IN A SINGULARLY COLLEGIAL, INTERDISCIPLINARY ATMOSPHERE, WHILE EDUCATING OUTSTANDING STUDENTS TO BECOME CREATIVE MEMBERS OF SOCIETY. |

**990 Schedule O, Supplemental Information**

| <b>Return Reference</b>        | <b>Explanation</b>                                      |
|--------------------------------|---------------------------------------------------------|
| FORM 990,<br>PART I, LINE<br>6 | THE NUMBER IDENTIFIED IS BASED ON A REASONABLE ESTIMATE |

**990 Schedule O, Supplemental Information**

| <b>Return Reference</b>     | <b>Explanation</b>                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990, PART III, LINE 4D | AUXILIARY ENTERPRISES (EXPENSES \$39,267,000 AND REVENUE \$50,363,000) AUXILIARY ENTERPRISES IN SUPPORT OF THE INSTITUTE'S MISSION (CALTECH Y ALLOCATION) - GRANTS \$75,000 CASH ALLOCATION TO RELATED ORGANIZATION SUPPORTING INSTITUTE'S MISSION (UNITED WAY GREATER LOS ANGELES) TO MATCH EMPLOYEE CONTRIBUTIONS TO UNITED WAY - GRANTS \$39,000 |

**990 Schedule O, Supplemental Information**

| <b>Return Reference</b>         | <b>Explanation</b>                                                                                                                                                                                                      |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990,<br>PART IV,<br>LINE 6 | THE INSTITUTE HAS NO SEPARATE FUNDS OR ACCOUNTS WHERE DONORS HAVE THE RIGHT EITHER TO PROVIDE ADVICE ON THE INVESTMENT OF AMOUNTS IN THE FUNDS OR TO PROVIDE ADVICE ON DISTRIBUTION OF SUCH FUNDS OUTSIDE THE INSTITUTE |

**990 Schedule O, Supplemental Information**

| <b>Return Reference</b>         | <b>Explanation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990,<br>PART VI,<br>LINE 2 | TRUSTEES THOMAS E EVERHART AND PETER NORTON - BUSINESS RELATIONSHIP TRUSTEES JOSHUA S FR<br>IEDMAN AND DR REBECKA BELLDEGRUN - BUSINESS RELATIONSHIP TRUSTEES JOSHUA S FRIEDMAN AND<br>RICHARD N MERKIN - BUSINESS RELATIONSHIP TRUSTEES JOSHUA S FRIEDMAN AND B KIPLING HAGOP<br>IAN - BUSINESS RELATIONSHIP TRUSTEES KENT KRESA AND B KIPLING HAGOPIAN - BUSINESS RELATIO<br>NSHIP TRUSTEES RICHARD N MERKIN AND DONALD W TANG - BUSINESS RELATIONSHIP TRUSTEES LI LU<br>AND WALTER G KORTSCHAK - BUSINESS RELATIONSHIP TRUSTEES LYNN A BOOTH AND KENT KRESA - F<br>AMILY RELATIONSHIP |

**990 Schedule O, Supplemental Information**

| <b>Return Reference</b>           | <b>Explanation</b>                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990,<br>PART VI,<br>LINE 11B | THE INSTITUTE PREPARED FORM 990 WITH THE ASSISTANCE OF A PAID PREPARER. A DRAFT OF THE FORM 990 IS PRESENTED TO THE AUDIT AND COMPLIANCE COMMITTEE FOR REVIEW AND COMMENT. A FINAL COPY OF THE FORM 990 IS PROVIDED TO EACH MEMBER OF THE BOARD OF TRUSTEES PRIOR TO FILING WITH THE IRS. AN OFFICER OF THE INSTITUTE AND ITS PAID PREPARER, RESPECTIVELY, SIGN THE FINAL FORM 990. |



**990 Schedule O, Supplemental Information**

| <b>Return Reference</b>           | <b>Explanation</b>                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990,<br>PART VI,<br>LINE 12C | EACH TRUSTEE AND OFFICER IS REQUIRED TO COMPLETE ANNUALLY A CONFLICT OF INTEREST QUESTIONNAIRE DISCLOSING POTENTIAL OR ACTUAL CONFLICTS TRUSTEES, OFFICERS AND KEY EMPLOYEES ARE ALSO REQUIRED TO DISCLOSE IN WRITING POTENTIAL AND ACTUAL CONFLICTS ON AN ONGOING BASIS THROUGHOUT THE YEAR ALL CONFLICTS ARE RESOLVED IN ACCORDANCE WITH THE INSTITUTE'S WRITTEN CONFLICT OF INTEREST POLICIES |

**990 Schedule O, Supplemental Information**

| <b>Return Reference</b>                   | <b>Explanation</b>                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990,<br>PART VI,<br>LINE 15A,<br>15B | THE EXECUTIVE COMPENSATION COMMITTEE OF THE BOARD OF TRUSTEES NORMALLY REVIEWS ON AN ANNUAL BASIS THE COMPENSATION OF OFFICERS AND CERTAIN EMPLOYEES, INCLUDING KEY EMPLOYEES OF THE INSTITUTE THE EXECUTIVE COMPENSATION COMMITTEE REVIEWS COMPARABILITY DATA FROM RELEVANT SURVEYS THE DELIBERATIONS ARE CONTEMPORANEOUSLY DOCUMENTED IN THE COMMITTEE'S MINUTES |

## 990 Schedule O, Supplemental Information

| Return Reference           | Explanation                                                                                                                                                                                                          |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990, PART VI, LINE 19 | THE INSTITUTE'S GOVERNING DOCUMENTS, FINANCIAL STATEMENTS AND CONFLICT OF INTEREST POLICY ARE AVAILABLE UPON REQUEST FORM 990, PART VII, SECTION A BRIAN KEITH LEE VP FOR DEV & IN STIT RELATIONS (UNTIL 11/02/2018) |

**990 Schedule O, Supplemental Information**

| <b>Return Reference</b>            | <b>Explanation</b>                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990,<br>PART VII,<br>COLUMN B | THE INSTITUTE HAS ESTIMATED THAT TRUSTEES DEVOTE, ON AVERAGE, AT LEAST ONE HOUR OF TIME PER WEEK. CERTAIN BOARD MEMBERS' TIME DEVOTED TO INSTITUTE BUSINESS MAY SUBSTANTIALLY EXCEED THIS ESTIMATE ON A REGULAR BASIS. TIME DEVOTED TO INSTITUTE BUSINESS BY OFFICERS, KEY EMPLOYEES AND HIGHEST COMPENSATED EMPLOYEES MAY SUBSTANTIALLY EXCEED THE ESTIMATES PROVIDED ON A REGULAR BASIS. |

**990 Schedule O, Supplemental Information**

| <b>Return Reference</b>           | <b>Explanation</b>                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990,<br>PART IX,<br>LINE 24C | THE INSTITUTE RECOVERS FROM ITS ENDOWMENT INVESTMENT POOL A PORTION OF THE COSTS OF RAISING AND STEWARDING ENDOWMENTS. ENDOWMENT RECOVERY REPRESENTS AMOUNTS FROM THE ENDOWMENT INVESTMENT POOL APPLIED AGAINST CURRENT FUNDRAISING COSTS. THE RESULTING REDUCTION IN ENDOWMENT NET ASSETS IS REFLECTED IN OTHER CHANGES IN NET ASSETS OR FUND BALANCES ON FORM 990, PART XI, LINE 9. |

**990 Schedule O, Supplemental Information**

| <b>Return Reference</b>         | <b>Explanation</b>                                                                                                                                                                                                                                                                         |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990,<br>PART X,<br>LINE 11 | INVESTMENTS - PUBLICLY TRADED SECURITIES INCLUDE, BUT ARE NOT LIMITED TO, INVESTMENTS HELD DIRECTLY OR IN FUNDS AND MANAGED ACCOUNTS FOR WHICH THE UNDERLYING SECURITIES ARE PRIMARILY PUBLICLY TRADED, ALTHOUGH CERTAIN RESTRICTIONS ON THE LIQUIDITY OF SOME OF THESE HOLDINGS MAY EXIST |

**990 Schedule O, Supplemental Information**

| Return Reference          | Explanation                                                                                                                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990, PART XI, LINE 9 | <p>OTHER CHANGES IN NET ASSETS OR FUND BALANCES CHANGES IN POSTEMPLOYMENT BENEFIT OBLIGATIONS (\$ 23,016,000) ENDOWMENT RECOVERY (\$ 9,960,000) LOSS ON DISPOSAL OF PROPERTY (\$ 3,509,000 ) CHANGES IN FAIR VALUE OF INTEREST RATE SWAP (\$ 27,545,000) ----- TOTAL (\$ 64,030,000) =====</p> |

## 990 Schedule O, Supplemental Information

| Return Reference                 | Explanation                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM 990,<br>PART XII,<br>LINE 1 | IN ACCORDANCE WITH IRS INSTRUCTIONS, FORM 990 AND ALL SCHEDULES THEREIN (WITH THE EXCEPTION OF REQUIRED CALENDAR-YEAR REPORTING FOR COMPENSATION), HAVE BEEN COMPLETED ON THE ACCRUAL BASIS CONSISTENT WITH GENERALLY ACCEPTED ACCOUNTING PRINCIPLES |



**SCHEDULE R  
(Form 990)**

**Related Organizations and Unrelated Partnerships**

OMB No 1545-0047

**2018**

**Open to Public  
Inspection**

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.**  
▶ **Attach to Form 990.**  
▶ **Go to [www.irs.gov/Form990](http://www.irs.gov/Form990) for instructions and the latest information.**

Department of the Treasury  
Internal Revenue Service

Name of the organization  
CALIFORNIA INSTITUTE OF TECHNOLOGY

**Employer identification number**

95-1643307

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

| (a)<br>Name, address, and EIN (if applicable) of disregarded entity                                       | (b)<br>Primary activity | (c)<br>Legal domicile (state or foreign country) | (d)<br>Total income | (e)<br>End-of-year assets | (f)<br>Direct controlling entity |
|-----------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------|---------------------|---------------------------|----------------------------------|
| <b>(1)</b> WILSON AVENUE INVESTMENTS LLC<br>1200 EAST CALIFORNIA BLVD<br>PASADENA, CA 91125<br>46-1712999 | HOLDING CO              | DE                                               | 0                   | 0                         | CIT                              |
| <b>(2)</b> WILSON HEC LLC<br>551 S WILSON AVE MAILCODE 2-42<br>PASADENA, CA 91125<br>36-4849057           | HOLDING CO              | CA                                               | 70,302,290          | 1,215,528                 | CIT                              |
| <b>(3)</b> CIT MICROPROBE HOLDINGS LLC<br>1200 EAST CALIFORNIA BLVD<br>PASADENA, CA 91125<br>20-5217981   | HOLDING CO              | NV                                               | -183,183            | 1,473,841                 | CIT                              |
|                                                                                                           |                         |                                                  |                     |                           |                                  |
|                                                                                                           |                         |                                                  |                     |                           |                                  |
|                                                                                                           |                         |                                                  |                     |                           |                                  |

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

| (a)<br>Name, address, and EIN of related organization                                                      | (b)<br>Primary activity | (c)<br>Legal domicile (state or foreign country) | (d)<br>Exempt Code section | (e)<br>Public charity status (if section 501(c)(3)) | (f)<br>Direct controlling entity | (g)<br>Section 512(b)(13) controlled entity? |    |
|------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------|----------------------------|-----------------------------------------------------|----------------------------------|----------------------------------------------|----|
|                                                                                                            |                         |                                                  |                            |                                                     |                                  | Yes                                          | No |
| <b>(1)</b> CALTECH Y<br>1201 E CALIFORNIA BLVD<br><br>PASADENA, CA 91125<br>95-1684790                     | RECREATION              | CA                                               | 501(C)(3)                  | 12,3, FI                                            | NA                               |                                              | No |
| <b>(2)</b> ALUMNI ASSOCIATION OF CALTECH<br>345 S HILL AVE<br><br>PASADENA, CA 91125<br>95-6047395         | ALUMNI                  | CA                                               | 501(C)(3)                  | 12, TYPE 1                                          | NA                               |                                              | No |
| <b>(3)</b> TOM AND VALLEY KNUDSEN FDN<br>C/O CALTECH GIFT PLANNING<br><br>PASADENA, CA 91125<br>95-6031188 | SUPPORT ORG             | CA                                               | 501(C)(3)                  | 12, TYPE 1                                          | NA                               |                                              | No |
|                                                                                                            |                         |                                                  |                            |                                                     |                                  |                                              |    |
|                                                                                                            |                         |                                                  |                            |                                                     |                                  |                                              |    |
|                                                                                                            |                         |                                                  |                            |                                                     |                                  |                                              |    |

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

| (a)<br>Name, address, and EIN of related organization                                 | (b)<br>Primary activity | (c)<br>Legal domicile (state or foreign country) | (d)<br>Direct controlling entity | (e)<br>Predominant income(related, unrelated, excluded from tax under sections 512-514) | (f)<br>Share of total income | (g)<br>Share of end-of-year assets | (h)<br>Disproportionate allocations? |    | (i)<br>Code V-UBI amount in box 20 of Schedule K-1 (Form 1065) | (j)<br>General or managing partner? |    | (k)<br>Percentage ownership |
|---------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------|------------------------------|------------------------------------|--------------------------------------|----|----------------------------------------------------------------|-------------------------------------|----|-----------------------------|
|                                                                                       |                         |                                                  |                                  |                                                                                         |                              |                                    | Yes                                  | No |                                                                | Yes                                 | No |                             |
| <b>(1)</b> VARAGON FUND I LP<br>301 COMMERCE ST<br>FORT WORTH, TX 76102<br>81-1640281 | INVESTMENTS             | TX                                               | CALTECH                          | RELATED                                                                                 | 10,969,098                   | 276,801,428                        |                                      | No | 6,417,735                                                      |                                     | No | 70.610 %                    |
|                                                                                       |                         |                                                  |                                  |                                                                                         |                              |                                    |                                      |    |                                                                |                                     |    |                             |
|                                                                                       |                         |                                                  |                                  |                                                                                         |                              |                                    |                                      |    |                                                                |                                     |    |                             |
|                                                                                       |                         |                                                  |                                  |                                                                                         |                              |                                    |                                      |    |                                                                |                                     |    |                             |
|                                                                                       |                         |                                                  |                                  |                                                                                         |                              |                                    |                                      |    |                                                                |                                     |    |                             |
|                                                                                       |                         |                                                  |                                  |                                                                                         |                              |                                    |                                      |    |                                                                |                                     |    |                             |
|                                                                                       |                         |                                                  |                                  |                                                                                         |                              |                                    |                                      |    |                                                                |                                     |    |                             |

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

| (a)<br>Name, address, and EIN of related organization                                  | (b)<br>Primary activity | (c)<br>Legal domicile (state or foreign country) | (d)<br>Direct controlling entity | (e)<br>Type of entity (C corp, S corp, or trust) | (f)<br>Share of total income | (g)<br>Share of end-of-year assets | (h)<br>Percentage ownership | (i)<br>Section 512(b)(13) controlled entity? |    |
|----------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------|----------------------------------|--------------------------------------------------|------------------------------|------------------------------------|-----------------------------|----------------------------------------------|----|
|                                                                                        |                         |                                                  |                                  |                                                  |                              |                                    |                             | Yes                                          | No |
| <b>(1)</b> CRAT (3)                                                                    | CHARITABLE TR           | CA                                               | CALTECH                          | TRUST                                            |                              |                                    |                             | Yes                                          |    |
| <b>(2)</b> CRUT (109)                                                                  | CHARITABLE TR           | CA                                               | CALTECH                          | TRUST                                            |                              |                                    |                             | Yes                                          |    |
| <b>(3)</b> HYDRA-ELECTRIC CO<br>3151 KENWOOD STREET<br>BURBANK, CA 91505<br>95-1914801 | AEROSPACE               | CA                                               | WILSON HEC                       | C CORP                                           | 0                            | 1                                  | 100.000 %                   | Yes                                          |    |
|                                                                                        |                         |                                                  |                                  |                                                  |                              |                                    |                             |                                              |    |
|                                                                                        |                         |                                                  |                                  |                                                  |                              |                                    |                             |                                              |    |
|                                                                                        |                         |                                                  |                                  |                                                  |                              |                                    |                             |                                              |    |
|                                                                                        |                         |                                                  |                                  |                                                  |                              |                                    |                             |                                              |    |

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

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

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

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

| (a)<br>Name of related organization | (b)<br>Transaction type (a-s) | (c)<br>Amount involved | (d)<br>Method of determining amount involved |
|-------------------------------------|-------------------------------|------------------------|----------------------------------------------|
| (1)VARAGON FUND I LP                | R                             | 30,901,622             | FMV                                          |
| (2)VARAGON FUND I LP                | S                             | 12,788,427             | FMV                                          |
| (3)CRUT                             | A                             | 28,239                 | FMV                                          |
|                                     |                               |                        |                                              |
|                                     |                               |                        |                                              |
|                                     |                               |                        |                                              |



**Part VII Supplemental Information**

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

| Return Reference            | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHEDULE R, PART V, LINE 1L | THE INSTITUTE ALLOWS THE CALTECH ALUMNI ASSOCIATION THE USE OF FACILITIES ON CAMPUS FREE OF CHARGE THE CALTECH ALUMNI ASSOCIATION IS A RELATED ORGANIZATION WHOSE MISSION IS TO PROVIDE EDUCATIONAL AND OTHER PROGRAMS FOR CALTECH ALUMNI AND STUDENTS THE INSTITUTE PROVIDES DIRECT ADMINISTRATIVE SUPPORT FREE OF CHARGE TO BOTH THE TOM AND VALLEY KNUDSEN FOUNDATION, A RELATED PHILANTHROPIC FOUNDATION, AND THE CALIFORNIA INSTITUTE OF TECHNOLOGY RETIREE MEDICAL PLAN FOR JPL RETIREES VEBA TRUST, A VOLUNTARY EMPLOYEES' BENEFICIARY ASSOCIATION ORGANIZED BY THE INSTITUTE THAT OPERATES IN CONJUNCTION WITH AN INSTITUTE-SPONSORED POSTRETIREMENT BENEFIT PLAN FOR JPL RETIREES |