

Form **8879-EO**

# IRS e-file Signature Authorization for an Exempt Organization

OMB No. 1545-1878

For calendar year 2018, or fiscal year beginning JUL 1, 2018, and ending JUN 30, 2019

# 2018

Department of the Treasury  
Internal Revenue Service

▶ Do not send to the IRS. Keep for your records.

▶ Go to [www.irs.gov/Form8879EO](http://www.irs.gov/Form8879EO) for the latest information.

Name of exempt organization <b>CARY INSTITUTE OF ECOSYSTEM STUDIES, INC</b>	Employer identification number <b>22-3232968</b>
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Name and title of officer  
**DR. JOSHUA R. GINSBERG**  
**PRESIDENT**

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

Check the box for the return for which you are using this Form 8879-EO and enter the applicable amount, if any, from the return. If you check the box on line 1a, 2a, 3a, 4a, or 5a, below, and the amount on that line for the return being filed with this form was blank, then leave line 1b, 2b, 3b, 4b, or 5b, whichever is applicable, blank (do not enter -0-). But, if you entered -0- on the return, then enter -0- on the applicable line below. Do not complete more than one line in Part I.

1a Form 990 check here ▶ <input checked="" type="checkbox"/>	b Total revenue, if any (Form 990, Part VIII, column (A), line 12) .....	1b	<u>11,343,430.</u>
2a Form 990-EZ check here ▶ <input type="checkbox"/>	b Total revenue, if any (Form 990-EZ, line 9) .....	2b	
3a Form 1120-POL check here ▶ <input type="checkbox"/>	b Total tax (Form 1120-POL, line 22) .....	3b	
4a Form 990-PF check here ▶ <input type="checkbox"/>	b Tax based on investment income (Form 990-PF, Part VI, line 5) .....	4b	
5a Form 8868 check here ▶ <input type="checkbox"/>	b Balance Due (Form 8868, line 3c) .....	5b	

### Part II Declaration and Signature Authorization of Officer

Under penalties of perjury, I declare that I am an officer of the above organization and that I have examined a copy of the organization's 2018 electronic return and accompanying schedules and statements and to the best of my knowledge and belief, they are true, correct, and complete. I further declare that the amount in Part I above is the amount shown on the copy of the organization's electronic return. I consent to allow my intermediate service provider, transmitter, or electronic return originator (ERO) to send the organization's return to the IRS and to receive from the IRS (a) an acknowledgement of receipt or reason for rejection of the transmission, (b) the reason for any delay in processing the return or refund, and (c) the date of any refund. If applicable, I authorize the U.S. Treasury and its designated Financial Agent to initiate an electronic funds withdrawal (direct debit) entry to the financial institution account indicated in the tax preparation software for payment of the organization's federal taxes owed on this return, and the financial institution to debit the entry to this account. To revoke a payment, I must contact the U.S. Treasury Financial Agent at 1-888-353-4537 no later than 2 business days prior to the payment (settlement) date. I also authorize the financial institutions involved in the processing of the electronic payment of taxes to receive confidential information necessary to answer inquiries and resolve issues related to the payment. I have selected a personal identification number (PIN) as my signature for the organization's electronic return and, if applicable, the organization's consent to electronic funds withdrawal.

Officer's PIN: check one box only

I authorize BLUM, SHAPIRO & COMPANY, P.C., CPA'S to enter my PIN 32968  
ERO firm name Enter five numbers, but do not enter all zeros

as my signature on the organization's tax year 2018 electronically filed return. If I have indicated within this return that a copy of the return is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State program, I also authorize the aforementioned ERO to enter my PIN on the return's disclosure consent screen.

As an officer of the organization, I will enter my PIN as my signature on the organization's tax year 2018 electronically filed return. If I have indicated within this return that a copy of the return is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State program, I will enter my PIN on the return's disclosure consent screen.

Officer's signature ▶  Date ▶ 7/1/2020

### Part III Certification and Authentication

ERO's EFIN/PIN. Enter your six-digit electronic filing identification number (EFIN) followed by your five-digit self-selected PIN.

**06611046310**  
Do not enter all zeros

I certify that the above numeric entry is my PIN, which is my signature on the 2018 electronically filed return for the organization indicated above. I confirm that I am submitting this return in accordance with the requirements of Pub. 4163, Modernized e-File (MeF) Information for Authorized IRS e-file Providers for Business Returns.

ERO's signature ▶ MARY KAY CURTISS Date ▶ 05/20/20

**ERO Must Retain This Form - See Instructions**  
**Do Not Submit This Form to the IRS Unless Requested To Do So**

**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.

Open to Public Inspection

**A For the 2018 calendar year, or tax year beginning** JUL 1, 2018 **and ending** JUN 30, 2019

<b>B</b> Check if applicable:  <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Final return/terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	<b>C Name of organization</b> CARY INSTITUTE OF ECOSYSTEM STUDIES, INC <b>Doing business as</b> _____ <b>Number and street (or P.O. box if mail is not delivered to street address) Room/suite</b> BOX AB _____ <b>City or town, state or province, country, and ZIP or foreign postal code</b> MILLBROOK, NY 12545 <b>F Name and address of principal officer:</b> DR. JOSHUA R. GINSBERG SAME AS C ABOVE	<b>D Employer identification number</b> 22-3232968 <b>E Telephone number</b> (845) 677-5343 <b>G Gross receipts \$</b> 35,780,810. <b>H(a) Is this a group return for subordinates?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>H(b) Are all subordinates included?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list. (see instructions) <b>H(c) Group exemption number</b> ▶ _____
<b>I Tax-exempt status:</b> <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) ( ) ◀ (insert no.) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527		
<b>J Website:</b> ▶ WWW.CARYINSTITUTE.ORG		
<b>K Form of organization:</b> <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other ▶ _____		
<b>L Year of formation:</b> 1993		<b>M State of legal domicile:</b> NY

**Part I Summary**

<b>1</b>	Briefly describe the organization's mission or most significant activities: <u>ECOLOGICAL RESEARCH &amp; EDUCATION</u>	
<b>2</b>	Check this box <input type="checkbox"/> 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> 23
<b>4</b>	Number of independent voting members of the governing body (Part VI, line 1b) .....	<b>4</b> 23
<b>5</b>	Total number of individuals employed in calendar year 2018 (Part V, line 2a) .....	<b>5</b> 140
<b>6</b>	Total number of volunteers (estimate if necessary) .....	<b>6</b> 51
<b>7a</b>	Total unrelated business revenue from Part VIII, column (C), line 12 .....	<b>7a</b> -64,404.
<b>7b</b>	Net unrelated business taxable income from Form 990-T, line 38 .....	<b>7b</b> -77,658.
<b>8</b>	Contributions and grants (Part VIII, line 1h) .....	<b>8</b> 7,837,222. <b>9</b> 8,182,606.
<b>9</b>	Program service revenue (Part VIII, line 2g) .....	<b>9</b> 180,626. <b>10</b> 191,498.
<b>10</b>	Investment income (Part VIII, column (A), lines 3, 4, and 7d) .....	<b>10</b> 5,046,128. <b>11</b> 2,718,962.
<b>11</b>	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e) .....	<b>11</b> 163,063. <b>12</b> 250,364.
<b>12</b>	Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12) .....	<b>12</b> 13,227,039. <b>13</b> 11,343,430.
<b>13</b>	Grants and similar amounts paid (Part IX, column (A), lines 1-3) .....	<b>13</b> 108,349. <b>14</b> 116,127.
<b>14</b>	Benefits paid to or for members (Part IX, column (A), line 4) .....	<b>14</b> 0. <b>15</b> 0.
<b>15</b>	Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10) .....	<b>15</b> 8,177,981. <b>16a</b> 8,549,251.
<b>16a</b>	Professional fundraising fees (Part IX, column (A), line 11e) .....	<b>16a</b> 0. <b>16b</b> 0.
<b>16b</b>	Total fundraising expenses (Part IX, column (D), line 25) ▶ 566,478.	
<b>17</b>	Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e) .....	<b>17</b> 5,905,174. <b>18</b> 6,381,043.
<b>18</b>	Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25) .....	<b>18</b> 14,191,504. <b>19</b> 15,046,421.
<b>19</b>	Revenue less expenses. Subtract line 18 from line 12 .....	<b>19</b> -964,465. <b>20</b> -3,702,991.
<b>20</b>	Total assets (Part X, line 16) .....	<b>20</b> 139,100,964. <b>21</b> 140,540,365.
<b>21</b>	Total liabilities (Part X, line 26) .....	<b>21</b> 1,750,951. <b>22</b> 1,765,701.
<b>22</b>	Net assets or fund balances. Subtract line 21 from line 20 .....	<b>22</b> 137,350,013. <b>23</b> 138,774,664.

**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.

<b>Sign Here</b>	Signature of officer DR. JOSHUA R. GINSBERG, PRESIDENT Type or print name and title	Date _____
<b>Paid Preparer Use Only</b>	Print/Type preparer's name MARY KAY CURTISS Preparer's signature MARY KAY CURTISS Date 06/30/20 Check if self-employed <input type="checkbox"/> PTIN P01551484 Firm's name ▶ BLUM, SHAPIRO & COMPANY, P.C., CPA'S Firm's EIN ▶ 06-1009205 Firm's address ▶ 29 S. MAIN STREET, P.O. BOX 272000 WEST HARTFORD, CT 06127-2000 Phone no. 860 561-4000	

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

Part III Statement of Program Service Accomplishments

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

1 Briefly describe the organization's mission: THE CARY INSTITUTE OF ECOSYSTEM STUDIES GENERATES RIGOROUS SCIENTIFIC KNOWLEDGE ABOUT ECOLOGICAL SYSTEMS AND THEIR IMPORTANCE TO HUMAN WELL-BEING. -WE WORK AT THE FRONTIERS OF ECOLOGICAL SCIENCE.

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 [X] 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 [X] No If "Yes," describe these changes on Schedule O.

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

4a (Code: ) (Expenses \$ 9,153,932. including grants of \$ 116,127. ) (Revenue \$ ) RESEARCH - UNBIASED ENVIRONMENTAL RESEARCH TO ADVANCE UNDERSTANDING OF ECOLOGICAL SYSTEMS AND CLIMATE CHANGE. WE PROVIDE SOLUTIONS FOR ENVIRONMENTAL PROBLEMS. OUR STAFF ARE GLOBAL EXPERTS IN THE ECOLOGY OF CITIES, DISEASE, FORESTS AND FRESHWATER.

4b (Code: ) (Expenses \$ 1,172,400. including grants of \$ ) (Revenue \$ 43,418. ) EDUCATION - INNOVATIVE EDUCATION PROGRAMS TO PROMOTE ECOLITERACY FOR ALL AGES. WE SERVE K-12 STUDENTS AND TEACHERS THROUGH SCHOOL PROGRAMS, SUMMER CAMP, DATA JAMS, TEACHER WORKSHOPS AND CURRICULUM. WE PROVIDE RESEARCH EXPERIENCE FOR UNDERGRADUATE STUDENTS. WE OFFER RESEARCH EXPERIENCE, COURSES AND MENTORING FOR GRADUATE STUDENTS.

4c (Code: ) (Expenses \$ 413,288. including grants of \$ ) (Revenue \$ ) OUTREACH - TRANSLATE SCIENCE IN MANY WAYS THAT ADVANCE THE PUBLIC'S UNDERSTANDING OF ENVIRONMENTAL ISSUES AND INFORM PUBLIC POLICY. WE SHARE OUR FINDINGS WIDELY AND PROVIDE LECTURES, FORUMS, TOURS, FIELD GUIDES AND MAPS TO RESEARCH OUR PROPERTY. OUR PROGRAMS ARE GENERALLY FREE AND OPEN TO THE PUBLIC.

4d Other program services (Describe in Schedule O.) (Expenses \$ 984,496. including grants of \$ ) (Revenue \$ 148,080.)

4e Total program service expenses 11,724,116.

Part IV Checklist of Required Schedules

Table with 3 columns: Question ID, Yes, No. Rows include questions 1 through 21 regarding organizational requirements and reporting.

Part IV Checklist of Required Schedules (continued)

Table with 3 columns: Question ID, Question Text, Yes, No. Rows include questions 22 through 38 regarding grants, compensation, tax-exempt bonds, and other IRS filings.

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 [ ]

Table with 3 columns: Question ID, Question Text, Yes, No. Rows include questions 1a, 1b, and 1c regarding Form 1096 and backup withholding rules.

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

Table with columns for question number, question text, and Yes/No checkboxes. Includes questions 2a through 16 regarding employee counts, tax filings, foreign accounts, and charitable contributions.

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

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

Section A. Governing Body and Management

Table with 3 columns: Question, Yes, No. Rows include: 1a Enter the number of voting members of the governing body at the end of the tax year; 1b Enter the number of voting members included in line 1a, above, who are independent; 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?; 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?; 4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?; 5 Did the organization become aware during the year of a significant diversion of the organization's assets?; 6 Did the organization have members or stockholders?; 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?; 7b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?; 8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following: a The governing body? b Each committee with authority to act on behalf of the governing body?; 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.

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?; 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?; 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; 12b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?; 12c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done; 13 Did the organization have a written whistleblower policy?; 14 Did the organization have a written document retention and destruction policy?; 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; b Other officers or key employees of the organization; 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?; 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

- 17 List the states with which a copy of this Form 990 is required to be filed NY
18 Section 6104 requires an organization to make its Forms 1023 (1024 or 1024-A if applicable), 990, and 990-T (Section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply. [X] Own website [ ] Another's website [X] Upon request [ ] Other (explain in Schedule O)
19 Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.
20 State the name, address, and telephone number of the person who possesses the organization's books and records HOLLY TALBOT - 845-677-7600 BOX AB, MILLBROOK, NY 12545

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

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

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

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

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

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) Name and Title	(B) Average hours per week (list any hours for related organizations below line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(1) SCOTT ULM CHAIR	1.00	X		X				0.	0.	0.
(2) SERENA H WHITRIDGE VICE CHAIR	1.00	X		X				0.	0.	0.
(3) SARAH A GILLMAN TREASURER	1.00	X		X				0.	0.	0.
(4) EDWARD AMES SECRETARY	1.00	X		X				0.	0.	0.
(5) IRENE BANNING BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(6) FRANCES BEINECKE BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(7) EMILY BERNHARDT BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(8) TIMOTHY BONTECOU BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(9) FARRAN TOZER BROWN BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(10) INDY BURKE BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(11) HUGO CASSIRER BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(12) J BARCLAY COLLINS BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(13) JOHN DRAKE BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(14) ELIZABETH HILPMAN BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(15) EVERETTE JOSEPH BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(16) SOOHYUNG KIM BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(17) BRUCE W. LING BOARD OF TRUSTEES	1.00	X						0.	0.	0.



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

(A) Name and title	(B) Average hours per week (list any hours for related organizations below line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(18) THOMAS LOVEJOY BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(19) CHRISTOPHER MCKENZIE BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(20) ERIC ROBERTS BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(21) RALPH C SCHMIDT BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(22) MARTIN L SENZEL BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(23) ALLAN P. SHOPE BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(24) JAMES WILLIAMS BOARD OF TRUSTEES	1.00	X						0.	0.	0.
(25) JOSHUA GINSBERG PRESIDENT	35.00			X				310,760.	0.	56,449.
(26) HOLLY A TALBOT SR. DIRECTOR OF ADMIN/COMPTRROLLER	35.00			X				179,988.	0.	44,639.
<b>1b Sub-total</b>								490,748.	0.	101,088.
<b>c Total from continuation sheets to Part VII, Section A</b>								779,133.	0.	145,442.
<b>d Total (add lines 1b and 1c)</b>								1,269,881.	0.	246,530.

**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 16

	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? <i>If "Yes," complete Schedule J for such individual</i>		X
<b>4</b> For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If "Yes," complete Schedule J for such individual</i>	X	
<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? <i>If "Yes," complete Schedule J for such person</i>		X

**Section B. Independent Contractors**

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

(A) Name and business address	(B) Description of services	(C) Compensation
PESTECH EXTERMINATING INC. PO BOX 391, LIBERTY, NY 12754	LYME DISEASE RESEARCH SUPPLIES	432,663.
HALL CAPITAL ONE MARITIME PLAZA, SAN FRANCISCO, CA 94111	INVESTMENT CONSULTING	327,814.
HIGH OUTPUT 495 TURNPIKE STREET, CANTON, MA 02021	INSTALLATION OF TECHNOLOGY	141,479.

**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 3

SEE PART VII, SECTION A CONTINUATION SHEETS

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

Table with 6 main columns: (A) Name and title, (B) Average hours per week, (C) Position (check all that apply), (D) Reportable compensation from the organization, (E) Reportable compensation from related organizations, (F) Estimated amount of other compensation. Includes entries for STEWARD T. A. PICKETT, RICHARD S. OSTFELD, KATHLEEN C WEATHERS, GARY LOVETT, and FRED MERRITT.

Total to Part VII, Section A, line 1c ..... 779,133. 145,442.

**Part VIII Statement of Revenue**

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

			(A)	(B)	(C)	(D)	
			Total revenue	Related or exempt function revenue	Unrelated business revenue	Revenue excluded from tax under sections 512 - 514	
<b>Contributions, Gifts, Grants and Other Similar Amounts</b>	<b>1 a</b> Federated campaigns	<b>1a</b>					
	<b>b</b> Membership dues	<b>1b</b>					
	<b>c</b> Fundraising events	<b>1c</b>	55,564.				
	<b>d</b> Related organizations	<b>1d</b>					
	<b>e</b> Government grants (contributions)	<b>1e</b>	5,335,052.				
	<b>f</b> All other contributions, gifts, grants, and similar amounts not included above	<b>1f</b>	2,791,990.				
	<b>g</b> Noncash contributions included in lines 1a-1f: \$		227,000.				
	<b>h Total.</b> Add lines 1a-1f		8,182,606.				
	<b>Program Service Revenue</b>	<b>2 a</b> HOUSING - RESEARCH & E	<b>Business Code</b> 900099	148,080.	148,080.		
<b>b</b> TUITION - EDUCATION		611600	43,418.	43,418.			
<b>c</b>							
<b>d</b>							
<b>e</b>							
<b>f</b> All other program service revenue							
<b>g Total.</b> Add lines 2a-2f			191,498.				
<b>Other Revenue</b>	<b>3</b> Investment income (including dividends, interest, and other similar amounts)		227,500.		-64,797.	292,297.	
	<b>4</b> Income from investment of tax-exempt bond proceeds						
	<b>5</b> Royalties						
	<b>6 a</b> Gross rents	(i) Real					
		(ii) Personal					
		<b>b</b> Less: rental expenses					
		<b>c</b> Rental income or (loss)					
	<b>d</b> Net rental income or (loss)						
	<b>7 a</b> Gross amount from sales of assets other than inventory	(i) Securities					
		(ii) Other					
		<b>b</b> Less: cost or other basis and sales expenses		24,390,868.			
		<b>c</b> Gain or (loss)		2,491,462.			
	<b>d</b> Net gain or (loss)		2,491,462.		393.	2,491,069.	
	<b>8 a</b> Gross income from fundraising events (not including \$ 55,564. of contributions reported on line 1c). See Part IV, line 18	<b>a</b>	148,055.				
		<b>b</b> Less: direct expenses	<b>b</b>	46,512.			
<b>c</b> Net income or (loss) from fundraising events			101,543.			101,543.	
<b>9 a</b> Gross income from gaming activities. See Part IV, line 19	<b>a</b>						
	<b>b</b> Less: direct expenses	<b>b</b>					
	<b>c</b> Net income or (loss) from gaming activities						
<b>10 a</b> Gross sales of inventory, less returns and allowances	<b>a</b>						
	<b>b</b> Less: cost of goods sold	<b>b</b>					
	<b>c</b> Net income or (loss) from sales of inventory						
<b>Miscellaneous Revenue</b>		<b>Business Code</b>					
<b>11 a</b> MISCELLANEOUS INCOME	900099	148,821.			148,821.		
<b>b</b>							
<b>c</b>							
<b>d</b> All other revenue							
<b>e Total.</b> Add lines 11a-11d		148,821.					
<b>12 Total revenue.</b> See instructions		11,343,430.	191,498.	-64,404.	3,033,730.		

**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

<i>Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.</i>	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
<b>1</b> Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21				
<b>2</b> Grants and other assistance to domestic individuals. See Part IV, line 22	116,127.	116,127.		
<b>3</b> Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16				
<b>4</b> Benefits paid to or for members				
<b>5</b> Compensation of current officers, directors, trustees, and key employees	691,207.	120,719.	499,154.	71,334.
<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)				
<b>7</b> Other salaries and wages	5,944,423.	4,889,355.	741,351.	313,717.
<b>8</b> Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)				
<b>9</b> Other employee benefits	1,913,621.	1,548,580.	258,124.	106,917.
<b>10</b> Payroll taxes				
<b>11</b> Fees for services (non-employees):				
<b>a</b> Management				
<b>b</b> Legal	5,610.		5,610.	
<b>c</b> Accounting	70,255.		67,200.	3,055.
<b>d</b> Lobbying				
<b>e</b> Professional fundraising services. See Part IV, line 17				
<b>f</b> Investment management fees	695,570.	10,082.	685,488.	
<b>g</b> Other. (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Sch O.)	1,350,981.	1,143,193.	194,686.	13,102.
<b>12</b> Advertising and promotion				
<b>13</b> Office expenses	391,675.	332,252.	55,002.	4,421.
<b>14</b> Information technology				
<b>15</b> Royalties				
<b>16</b> Occupancy	128,075.	121,530.	5,422.	1,123.
<b>17</b> Travel	384,775.	363,575.	12,938.	8,262.
<b>18</b> Payments of travel or entertainment expenses for any federal, state, or local public officials				
<b>19</b> Conferences, conventions, and meetings	81,615.	58,178.	2,249.	21,188.
<b>20</b> Interest	1,675.	1,675.		
<b>21</b> Payments to affiliates				
<b>22</b> Depreciation, depletion, and amortization	558,043.	529,637.	23,404.	5,002.
<b>23</b> Insurance	161,410.		161,410.	
<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> SUBCONTRACTS	2,042,496.	2,042,496.		
<b>b</b> MISCELLANEOUS	283,350.	247,456.	28,050.	7,844.
<b>c</b> PRINTING	183,638.	173,853.	1,181.	8,604.
<b>d</b> TELEPHONE	33,330.	21,649.	11,630.	51.
<b>e</b> All other expenses	8,545.	3,759.	2,928.	1,858.
<b>25</b> Total functional expenses. Add lines 1 through 24e	15,046,421.	11,724,116.	2,755,827.	566,478.
<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  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 X

		(A) Beginning of year		(B) End of year
<b>Assets</b>	<b>1</b> Cash - non-interest-bearing .....		<b>1</b>	
	<b>2</b> Savings and temporary cash investments .....	1,013,442.	<b>2</b>	1,718,427.
	<b>3</b> Pledges and grants receivable, net .....	3,379,405.	<b>3</b>	1,909,120.
	<b>4</b> Accounts receivable, net .....	49,786.	<b>4</b>	54,241.
	<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 .....		<b>5</b>	
	<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 instr). Complete Part II of Sch L .....		<b>6</b>	
	<b>7</b> Notes and loans receivable, net .....	34,278.	<b>7</b>	
	<b>8</b> Inventories for sale or use .....		<b>8</b>	
	<b>9</b> Prepaid expenses and deferred charges .....	226,435.	<b>9</b>	243,582.
	<b>10a</b> Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D .....	<b>10a</b> 22,576,329.		
	<b>b</b> Less: accumulated depreciation .....	<b>10b</b> 14,913,336.	7,396,146.	<b>10c</b> 7,662,993.
	<b>11</b> Investments - publicly traded securities .....	32,534,300.	<b>11</b>	31,912,259.
	<b>12</b> Investments - other securities. See Part IV, line 11 .....	94,467,172.	<b>12</b>	97,039,743.
	<b>13</b> Investments - program-related. See Part IV, line 11 .....		<b>13</b>	
	<b>14</b> Intangible assets .....		<b>14</b>	
	<b>15</b> Other assets. See Part IV, line 11 .....		<b>15</b>	
<b>16 Total assets.</b> Add lines 1 through 15 (must equal line 34) .....	139,100,964.	<b>16</b>	140,540,365.	
<b>Liabilities</b>	<b>17</b> Accounts payable and accrued expenses .....	87,920.	<b>17</b>	268,043.
	<b>18</b> Grants payable .....		<b>18</b>	
	<b>19</b> Deferred revenue .....	515,842.	<b>19</b>	309,855.
	<b>20</b> Tax-exempt bond liabilities .....		<b>20</b>	
	<b>21</b> Escrow or custodial account liability. Complete Part IV of Schedule D .....		<b>21</b>	
	<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 .....		<b>22</b>	
	<b>23</b> Secured mortgages and notes payable to unrelated third parties .....		<b>23</b>	
	<b>24</b> Unsecured notes and loans payable to unrelated third parties .....	14,072.	<b>24</b>	27,748.
	<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 .....	1,133,117.	<b>25</b>	1,160,055.
	<b>26 Total liabilities.</b> Add lines 17 through 25 .....	1,750,951.	<b>26</b>	1,765,701.
<b>Net Assets or Fund Balances</b>	<b>Organizations that follow SFAS 117 (ASC 958), check here</b> <input checked="" type="checkbox"/> <b>and complete lines 27 through 29, and lines 33 and 34.</b>			
	<b>27</b> Unrestricted net assets .....	30,906,442.	<b>27</b>	32,920,519.
	<b>28</b> Temporarily restricted net assets .....	25,958,302.	<b>28</b>	25,368,539.
	<b>29</b> Permanently restricted net assets .....	80,485,269.	<b>29</b>	80,485,606.
	<b>Organizations that do not follow SFAS 117 (ASC 958), check here</b> <input type="checkbox"/> <b>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 .....	137,350,013.	<b>33</b>	138,774,664.	
<b>34</b> Total liabilities and net assets/fund balances .....	139,100,964.	<b>34</b>	140,540,365.	

**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>	11,343,430.
<b>2</b>	Total expenses (must equal Part IX, column (A), line 25)	<b>2</b>	15,046,421.
<b>3</b>	Revenue less expenses. Subtract line 2 from line 1	<b>3</b>	-3,702,991.
<b>4</b>	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	<b>4</b>	137,350,013.
<b>5</b>	Net unrealized gains (losses) on investments	<b>5</b>	5,127,642.
<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>	0.
<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>	138,774,664.

**Part XII Financial Statements and Reporting**

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

	Yes	No
<b>1</b> Accounting method used to prepare the Form 990: <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O.		
<b>2a</b> Were the organization's financial statements compiled or reviewed by an independent accountant? _____ If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both: <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		X
<b>b</b> Were the organization's financial statements audited by an independent accountant? _____ If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both: <input checked="" type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis	X	
<b>c</b> 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.	X	
<b>3a</b> 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? _____	X	
<b>b</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 _____	X	

Form **990** (2018)

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

Department of the Treasury  
Internal Revenue Service

**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 instructions and the latest information.

OMB No. 1545-0047

**2018**

Open to Public Inspection

Name of the organization <b>CARY INSTITUTE OF ECOSYSTEM STUDIES, INC</b>	Employer identification number <b>22-3232968</b>
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**Part I Reason for Public Charity Status** (All organizations must complete this part.) See instructions.

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

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

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

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

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

**Section A. Public Support**

Calendar year (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.") .....	5,104,968.	11,031,209.	6,194,908.	7,837,222.	8,182,606.	38,350,913.
<b>2</b> Tax revenues levied for the organization's benefit and either paid to or expended on its behalf .....						
<b>3</b> The value of services or facilities furnished by a governmental unit to the organization without charge ...						
<b>4 Total.</b> Add lines 1 through 3 .....	5,104,968.	11,031,209.	6,194,908.	7,837,222.	8,182,606.	38,350,913.
<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) .....						4,317,924.
<b>6 Public support.</b> Subtract line 5 from line 4.						34,032,989.

**Section B. Total Support**

Calendar year (or fiscal year beginning in) ▶	(a) 2014	(b) 2015	(c) 2016	(d) 2017	(e) 2018	(f) Total
<b>7</b> Amounts from line 4 .....	5,104,968.	11,031,209.	6,194,908.	7,837,222.	8,182,606.	38,350,913.
<b>8</b> Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources ...	29,173.	40,552.	95,467.	180,860.	227,500.	573,552.
<b>9</b> Net income from unrelated business activities, whether or not the business is regularly carried on ...						
<b>10</b> Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.) .....	196,728.	27,475.	120,799.	133,607.	148,821.	627,430.
<b>11 Total support.</b> Add lines 7 through 10						39,551,895.
<b>12</b> Gross receipts from related activities, etc. (see instructions) .....					12	825,389.
<b>13 First five years.</b> 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 <b>stop here</b> .....						<input type="checkbox"/>

**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>	86.05 %
<b>15</b> Public support percentage from 2017 Schedule A, Part II, line 14 .....	<b>15</b>	84.99 %
<b>16a 33 1/3% support test - 2018.</b> If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and <b>stop here.</b> The organization qualifies as a publicly supported organization .....		<input checked="" type="checkbox"/>
<b>b 33 1/3% support test - 2017.</b> 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 <b>stop here.</b> The organization qualifies as a publicly supported organization .....		<input type="checkbox"/>
<b>17a 10% -facts-and-circumstances test - 2018.</b> 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 <b>stop here.</b> Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization .....		<input type="checkbox"/>
<b>b 10% -facts-and-circumstances test - 2017.</b> 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 <b>stop here.</b> Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization .....		<input type="checkbox"/>
<b>18 Private foundation.</b> If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions .....		<input type="checkbox"/>



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

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

**Section A. Public Support**

Calendar year (or fiscal year beginning in) ►	(a) 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 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 Public support.</b> (Subtract line 7c from line 6.)						

**Section B. Total Support**

Calendar year (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 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 2018 (line 10c, column (f), divided by line 13, column (f)) .....	<b>17</b>	%
<b>18</b> Investment income percentage from 2017 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 in line 12 on Part I. If you checked 12a of Part I, complete Sections A and B. If you checked 12b of Part I, complete Sections A and C. If you checked 12c of Part I, complete Sections A, D, and E. If you checked 12d of Part I, complete Sections A and D, and complete Part V.)

**Section A. All Supporting Organizations**

	Yes	No
<b>1</b> Are all of the organization's supported organizations listed by name in the organization's governing documents? <i>If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.</i>		
<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)? <i>If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).</i>		
<b>3a</b> Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? <i>If "Yes," answer (b) and (c) below.</i>		
<b>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)? <i>If "Yes," describe in Part VI when and how the organization made the determination.</i>		
<b>c</b> Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? <i>If "Yes," explain in Part VI what controls the organization put in place to ensure such use.</i>		
<b>4a</b> Was any supported organization not organized in the United States ("foreign supported organization")? <i>If "Yes," and if you checked 12a or 12b in Part I, answer (b) and (c) below.</i>		
<b>b</b> Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? <i>If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.</i>		
<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)? <i>If "Yes," explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.</i>		
<b>5a</b> Did the organization add, substitute, or remove any supported organizations during the tax year? <i>If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in Part VI, including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document).</i>		
<b>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>c Substitutions only.</b> Was the substitution the result of an event beyond the organization's control?		
<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? <i>If "Yes," provide detail in Part VI.</i>		
<b>7</b> Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (as defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? <i>If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).</i>		
<b>8</b> Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? <i>If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).</i>		
<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))? <i>If "Yes," provide detail in Part VI.</i>		
<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? <i>If "Yes," provide detail in Part VI.</i>		
<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? <i>If "Yes," provide detail in Part VI.</i>		
<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)? <i>If "Yes," answer 10b below.</i>		
<b>b</b> Did the organization have any excess business holdings in the tax year? <i>(Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)</i>		

**Part IV Supporting Organizations** (continued)

	Yes	No
<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? If "Yes" to a, b, or c, provide detail in Part VI.		
<b>11a</b>		
<b>11b</b>		
<b>11c</b>		

**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? 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.		
<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? 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.		
<b>1</b>		
<b>2</b>		

**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)? 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).		
<b>1</b>		

**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? If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).		
<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? If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.		
<b>1</b>		
<b>2</b>		
<b>3</b>		

**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 (see instructions).			
<b>a</b> <input type="checkbox"/> The organization satisfied the Activities Test. Complete line 2 below.			
<b>b</b> <input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete line 3 below.			
<b>c</b> <input type="checkbox"/> The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see instructions).			
<b>2</b> Activities Test. Answer (a) and (b) below.		Yes	No
<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? 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.			
<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? 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.			
<b>3</b> Parent of Supported Organizations. Answer (a) and (b) below.			
<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? Provide details in Part VI.			
<b>b</b> Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each of its supported organizations? If "Yes," describe in Part VI the role played by the organization in this regard.			
<b>2a</b>			
<b>2b</b>			
<b>3a</b>			
<b>3b</b>			

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

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

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

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

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

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

Section D - Distributions	Current Year
<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	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2018	(iii) Distributable Amount for 2018
<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 <b>Part VI</b> ). 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. For result greater than zero, explain in <b>Part VI</b> . See instructions.			
<b>6</b> Remaining underdistributions for 2018. Subtract lines 3h and 4b from line 1. For result greater than zero, explain in <b>Part VI</b> . 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			

Schedule A (Form 990 or 990-EZ) 2018



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

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

- a  Public exhibition
- b  Scholarly research
- c  Preservation for future generations
- d  Loan or exchange programs
- e  Other \_\_\_\_\_

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

5 During the year, did the organization solicit or receive donations of art, historical treasures, or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection?  Yes  No

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

1a Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X?  Yes  No

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

	Amount
c Beginning balance	1c
d Additions during the year	1d
e Distributions during the year	1e
f Ending balance	1f

2a Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability?  Yes  No

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

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

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance	117,274,416.	113,622,445.	106,488,277.	113,331,191.	114,129,579.
b Contributions	337.	757.	551.	428.	376.
c Net investment earnings, gains, and losses	6,697,866.	11,276,467.	16,445,524.	-1,208,318.	4,878,343.
d Grants or scholarships					
e Other expenditures for facilities and programs	5,324,238.	7,625,253.	9,311,907.	5,635,024.	5,677,107.
f Administrative expenses					
g End of year balance	118,648,381.	117,274,416.	113,622,445.	106,488,277.	113,331,191.

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

- a Board designated or quasi-endowment  13.00 %
- b Permanent endowment  68.00 %
- c Temporarily restricted endowment  19.00 %

The percentages on lines 2a, 2b, and 2c should equal 100%.

3a Are there endowment funds not in the possession of the organization that are held and administered for the organization by:

- (i) unrelated organizations
- (ii) related organizations

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

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

4 Describe in Part XIII the intended uses of the organization's endowment funds.

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

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

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land		2,808,120.		2,808,120.
b Buildings		15,839,736.	11,651,130.	4,188,606.
c Leasehold improvements				
d Equipment		3,928,473.	3,262,206.	666,267.
e Other				
<b>Total.</b> Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10c.)				7,662,993.

**Part VII Investments - Other Securities.**

Complete if the organization answered "Yes" on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives .....		
(2) Closely-held equity interests .....		
(3) Other		
(A) CASH AND CASH EQUIVALENTS	5,452,807.	END-OF-YEAR MARKET VALUE
(B) ALTERNATIVE INVESTMENTS	91,586,936.	END-OF-YEAR MARKET VALUE
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
<b>Total.</b> (Col. (b) must equal Form 990, Part X, col. (B) line 12.) ▶	97,039,743.	

**Part VIII Investments - Program Related.**

Complete if the organization answered "Yes" on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
<b>Total.</b> (Col. (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	
(2) ACCRUED VACATION	614,628.
(3) POSTRETIREMENT BENEFITS	545,427.
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
<b>Total.</b> (Column (b) must equal Form 990, Part X, col. (B) line 25.) ▶	1,160,055.

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>	15,822,014.
<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>	5,127,642.
<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>	46,512.
<b>e</b>	Add lines <b>2a</b> through <b>2d</b>	<b>2e</b>	5,174,154.
<b>3</b>	Subtract line <b>2e</b> from line <b>1</b>	<b>3</b>	10,647,860.
<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>	695,570.
<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>	695,570.
<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>	11,343,430.

**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>	14,397,363.
<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>	46,512.
<b>e</b>	Add lines <b>2a</b> through <b>2d</b>	<b>2e</b>	46,512.
<b>3</b>	Subtract line <b>2e</b> from line <b>1</b>	<b>3</b>	14,350,851.
<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>	695,570.
<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>	695,570.
<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>	15,046,421.

**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.

PART V, LINE 4:

THE INCOME FROM THE ENDOWMENT FUNDS HAS A VARIETY OF PURPOSES TO HELP

DEFRAY THE COSTS OF SCIENTIFIC EDUCATION AND RESEARCH PROGRAMS, INCLUDING

CONSERVATION, MAINTENANCE, AND PRESERVATION OF THE GROUNDS.

PART XI, LINE 2D - OTHER ADJUSTMENTS:

FUNDRAISING EXPENSES NETTED AGAINST FUNDRAISING INCOME 46,512.

PART XII, LINE 2D - OTHER ADJUSTMENTS:

FUNDRAISING EXPENSES NETTED AGAINST FUNDRAISING INCOME 46,512.



**SCHEDULE F  
(Form 990)**

Department of the Treasury  
Internal Revenue Service

**Statement of Activities Outside the United States**

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

▶ Attach to Form 990.

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

OMB No. 1545-0047

**2018**

**Open to Public  
Inspection**

Name of the organization  CARY INSTITUTE OF ECOSYSTEM STUDIES, INC	Employer identification number  22-3232968
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**Part I General Information on Activities Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 14b.

**1 For grantmakers.** Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? .....  **Yes**  **No**

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

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

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in the region	(d) Activities conducted in the region (by type) (such as, fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in the region	(f) Total expenditures for and investments in the region
CENTRAL AMERICA AND THE CARIBBEAN - ANTIGUA & BARBUDA, ARUBA, BAHAMAS	0	0	INVESTMENTS		38,574,502.
EUROPE (INCLUDING ICELAND & GREENLAND) - ALBANIA, ANDORRA, AUSTRIA, BELGIUM	0	0	INVESTMENTS		12,683,120.
<b>3 a</b> Subtotal .....	0	0			51,257,622.
<b>b</b> Total from continuation sheets to Part I .....	0	0			0.
<b>c Totals</b> (add lines 3a and 3b) .....	0	0			51,257,622.

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

1 (a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of noncash assistance	(h) Description of noncash assistance	(i) Method of valuation (book, FMV, appraisal, other)

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" on Form 990, Part IV, line 16.

Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of noncash assistance	(g) Description of noncash assistance	(h) Method of valuation (book, FMV, appraisal, other)

**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.

Multiple horizontal lines for supplemental information.

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

**Supplemental Information Regarding Fundraising or Gaming Activities**

OMB No. 1545-0047

Complete if the organization answered "Yes" on Form 990, Part IV, line 17, 18, or 19, or if the organization entered more than \$15,000 on Form 990-EZ, line 6a.

**2018**

Department of the Treasury  
Internal Revenue Service

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

**Open to Public Inspection**

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

Name of the organization  
CARY INSTITUTE OF ECOSYSTEM STUDIES, INC

Employer identification number  
22-3232968

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

- 1 Indicate whether the organization raised funds through any of the following activities. Check all that apply.
- a  Mail solicitations
  - b  Internet and email solicitations
  - c  Phone solicitations
  - d  In-person solicitations
  - e  Solicitation of non-government grants
  - f  Solicitation of government grants
  - g  Special fundraising events
- 2 a Did the organization have a written or oral agreement with any individual (including officers, directors, trustees, or key employees listed in Form 990, Part VII) or entity in connection with professional fundraising services?  **Yes**  **No**
- b If "Yes," list the 10 highest paid individuals or entities (fundraisers) pursuant to agreements under which the fundraiser is to be compensated at least \$5,000 by the organization.

(i) Name and address of individual or entity (fundraiser)	(ii) Activity	(iii) Did fundraiser have custody or control of contributions?		(iv) Gross receipts from activity	(v) Amount paid to (or retained by) fundraiser listed in col. (i)	(vi) Amount paid to (or retained by) organization
		Yes	No			
<b>Total</b> .....				▶		

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



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

		(a) Event #1	(b) Event #2	(c) Other events	(d) Total events (add col. (a) through col. (c))
		FALL LUNCH (event type)	SPRING LUNCH (event type)	1 (total number)	
Revenue	<b>1</b> Gross receipts .....	43,275.	55,244.	105,100.	203,619.
	<b>2</b> Less: Contributions .....	11,175.	14,039.	30,350.	55,564.
	<b>3</b> Gross income (line 1 minus line 2) .....	32,100.	41,205.	74,750.	148,055.
Direct Expenses	<b>4</b> Cash prizes .....				
	<b>5</b> Noncash prizes .....				
	<b>6</b> Rent/facility costs .....				
	<b>7</b> Food and beverages .....				
	<b>8</b> Entertainment .....				
	<b>9</b> Other direct expenses .....	20,349.	20,171.	5,992.	46,512.
	<b>10</b> Direct expense summary. Add lines 4 through 9 in column (d) .....				46,512.
<b>11</b> Net income summary. Subtract line 10 from line 3, column (d) .....				101,543.	

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

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

**9** Enter the state(s) in which the organization conducts gaming activities: \_\_\_\_\_  
**a** Is the organization licensed to conduct gaming activities in each of these states?  Yes  No  
**b** If "No," explain: \_\_\_\_\_

**10a** Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year?  Yes  No  
**b** If "Yes," explain: \_\_\_\_\_

- 11 Does the organization conduct gaming activities with nonmembers?  Yes  No
- 12 Is the organization a grantor, beneficiary or trustee of a trust, or a member of a partnership or other entity formed to administer charitable gaming?  Yes  No
- 13 Indicate the percentage of gaming activity conducted in:
 

a The organization's facility	13a		%
b An outside facility	13b		%
- 14 Enter the name and address of the person who prepares the organization's gaming/special events books and records:

Name ► \_\_\_\_\_

Address ► \_\_\_\_\_

- 15a Does the organization have a contract with a third party from whom the organization receives gaming revenue?  Yes  No
- b If "Yes," enter the amount of gaming revenue received by the organization ► \$ \_\_\_\_\_ and the amount of gaming revenue retained by the third party ► \$ \_\_\_\_\_
- c If "Yes," enter name and address of the third party:

Name ► \_\_\_\_\_

Address ► \_\_\_\_\_

**16** Gaming manager information:

Name ► \_\_\_\_\_

Gaming manager compensation ► \$ \_\_\_\_\_

Description of services provided ► \_\_\_\_\_

Director/officer        Employee        Independent contractor

**17** Mandatory distributions:

- a Is the organization required under state law to make charitable distributions from the gaming proceeds to retain the state gaming license?  Yes  No

b Enter the amount of distributions required under state law to be distributed to other exempt organizations or spent in the organization's own exempt activities during the tax year ► \$ \_\_\_\_\_

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

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**Part IV** Supplemental Information *(continued)*

Multiple horizontal lines for supplemental information.

**SCHEDULE I  
(Form 990)**

Department of the Treasury  
Internal Revenue Service

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

OMB No. 1545-0047

**2018**

**Open to Public  
Inspection**

Name of the organization CARY INSTITUTE OF ECOSYSTEM STUDIES, INC Employer identification number 22-3232968

**Part I General Information on Grants and Assistance**

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

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

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

<b>1 (a)</b> Name and address of organization or government	<b>(b)</b> EIN	<b>(c)</b> IRC section (if applicable)	<b>(d)</b> Amount of cash grant	<b>(e)</b> Amount of non-cash assistance	<b>(f)</b> Method of valuation (book, FMV, appraisal, other)	<b>(g)</b> Description of noncash assistance	<b>(h)</b> Purpose of grant or assistance

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

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

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

Schedule I (Form 990) (2018)

**Part III Grants and Other Assistance to Domestic Individuals.** Complete if the organization answered "Yes" on Form 990, Part IV, line 22.  
Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of non-cash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of noncash assistance
STIPENDS FOR RESEARCH	51	116,127.	0.		

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

PART I, LINE 2:

STIPENDS ARE MONITORED MONTHLY TO ENSURE THEY ARE WITHIN BUDGET. IF THEY ARE OVERSPENT THERE WILL BE A PRIOR APPROVAL. THERE ARE TWO GROUPS RECEIVING STIPENDS, STUDENTS AND TEACHERS/FELLOWS. STUDENTS RECEIVE A LETTER OF APPOINTMENT NOTIFYING THEM THEY ARE ELIGIBLE FOR A STIPEND AND CHECK REQUISITIONS ARE SUBMITTED AND APPROVED FOR THE STIPENDS. TEACHERS/FELLOWS ARE ISSUED AN MOU OUTLINING THE SCOPE OF THEIR WORK, PERFORMANCE PERIOD, DELIVERABLES, AND AMOUNT OF STIPEND. THEN AGREEMENT IS RETURNED A COPY IS GIVEN TO THE PI AND THE GRANTS OFFICE. A SPREADSHEET IS

**Part IV** **Supplemental Information**

SET UP FOR EACH TEACHER/FELLOW, WHICH TRACKS THE AMOUNT OF STIPENDS STILL  
AVAILABLE TO BE PAID. WHEN INVOICES COME IN THEY ARE APPROVED BY THE PI  
AND GRANTS OFFICE. IF ADDITIONAL FUNDS ARE APPROVED, THEY WOULD BE  
APPROVED BY THE PI AND AN AMENDMENT WOULD BE MADE TO THE CONTRACT. THE  
SPREADSHEET WOULD ALSO BE UPDATED FOR THE AMENDED AMOUNT. THE AMOUNT OF  
TEACHER/FELLOW AGREEMENTS ARE USUALLY ENCUMBERED.

Horizontal lines for supplemental information.

**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

CARY INSTITUTE OF ECOSYSTEM STUDIES, INC

Employer identification number

22-3232968

**Part I Questions Regarding Compensation**

**1a** Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.

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

**b** If any of the boxes on line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain .....

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

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

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

**4** During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization:

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

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

**5** For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:

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

**6** For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:

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

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

**8** Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III .....

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

	Yes	No
<b>1b</b>		
<b>2</b>		
<b>4a</b>		X
<b>4b</b>		X
<b>4c</b>		X
<b>5a</b>		X
<b>5b</b>		X
<b>6a</b>		X
<b>6b</b>		X
<b>7</b>		X
<b>8</b>		X
<b>9</b>		

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

Schedule J (Form 990) 2018

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

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

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

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
(1) JOSHUA GINSBERG PRESIDENT	(i)	310,760.	0.	0.	33,000.	23,449.	367,209.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(2) HOLLY A TALBOT SR. DIRECTOR OF ADMIN/COMPROLLER	(i)	179,988.	0.	0.	22,280.	22,359.	224,627.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(3) STEWARD T. A. PICKETT DISTINGUISHED SENIOR SCIENTIST	(i)	177,896.	0.	0.	21,512.	8,307.	207,715.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(4) RICHARD S. OSTFELD SENIOR SCIENTIST	(i)	172,837.	0.	0.	21,052.	22,196.	216,085.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(5) KATHLEEN C WEATHERS SENIOR SCIENTIST	(i)	143,606.	0.	0.	17,521.	8,321.	169,448.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(6) GARY LOVETT SENIOR SCIENTIST	(i)	143,408.	0.	0.	17,717.	13,614.	174,739.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(7) FRED MERRITT DIRECTOR OF PHYSICAL PLANT AND GROUN	(i)	141,386.	0.	0.	14,522.	680.	156,588.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							



**Part III Supplemental Information**

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

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**SCHEDULE M  
(Form 990)**

**Noncash Contributions**

OMB No. 1545-0047

**2018**

Open to Public Inspection

Department of the Treasury  
Internal Revenue Service

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

Name of the organization: **CARY INSTITUTE OF ECOSYSTEM STUDIES, INC**  
Employer identification number: **22-3232968**

<b>Part I</b>	<b>Types of Property</b>	<b>(a)</b> Check if applicable	<b>(b)</b> Number of contributions or items contributed	<b>(c)</b> Noncash contribution amounts reported on Form 990, Part VIII, line 1g	<b>(d)</b> Method of determining noncash contribution amounts
1	Art - Works of art	X	10	22,000	APPRAISAL
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				
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	X	1	205,000	APPRAISAL
18	Collectibles				
19	Food inventory				
20	Drugs and medical supplies				
21	Taxidermy				
22	Historical artifacts				
23	Scientific specimens				
24	Archeological artifacts				
25	Other ( )				
26	Other ( )				
27	Other ( )				
28	Other ( )				

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

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

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990. Schedule M (Form 990) 2018

**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.

Multiple horizontal lines for supplemental information.

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

Department of the Treasury  
Internal Revenue Service

**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

Name of the organization CARY INSTITUTE OF ECOSYSTEM STUDIES, INC	Employer identification number 22-3232968
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FORM 990, PART III, LINE 1, DESCRIPTION OF ORGANIZATION MISSION:

-WE CREATE EXCELLENCE IN SCIENCE THROUGH INNOVATION, COLLABORATION,  
SYNTHESIS AND DISSEMINATION OF OUR RESULTS.

-WE SHAPE THE PRACTICE AND APPLICATION OF ECOLOGICAL KNOWLEDGE AND  
DISCOVERY.

-WE ENGAGE DIVERSE COMMUNITIES IN OUR WORK: SCIENTISTS, STUDENTS,  
EDUCATORS, POLICY MAKERS, PRACTITIONERS AND THE PUBLIC.

-WE USE OUR SCIENTIFIC LEADERSHIP TO CONVENE, EDUCATE AND INFORM THESE  
DIVERSE COMMUNITIES TO ENSURE THE APPLICATION OF ECOLOGICAL KNOWLEDGE  
FOR THE PUBLIC GOOD.

-WE PROMOTE AND MAINTAIN A VIBRANT AND DIVERSE WORKFORCE AND FOSTER A  
CULTURE OF INTEGRITY AND RESPECT.

FORM 990, PART III, LINE 4D, OTHER PROGRAM SERVICES:

GROUNDS, AUXILIARY AND LIBRARY - MAINTENANCE OF THE 2000 ACRE CAMPUS  
USED FOR RESEARCH, EDUCATION AND OUTREACH, HOUSING FOR VISITING  
SCIENTISTS AND STAFF AND A 5,000 VOLUME LIBRARY THAT INCLUDES WEB OF  
SCIENCE AND ECOLOGY REFERENCE SERVICES.

EXPENSES \$ 984,496. INCLUDING GRANTS OF \$ 0. REVENUE \$ 148,080.

FORM 990, PART VI, SECTION A, LINE 1:

THE EXECUTIVE COMMITTEE SHALL HAVE THE AUTHORITY TO ACT ON BEHALF OF THE  
BOARD ON MATTERS THAT ARISE BETWEEN SCHEDULED BOARD MEETINGS WHEN IT IS NOT  
PRACTICAL OR FEASIBLE FOR THE BOARD TO MEET, TO THE EXTENT PERMITTED BY  
LAW, THE CERTIFICATE OF INCORPORATION AND THE BY-LAWS, BUT SOLELY IF SUCH

ACTIONS WOULD NOT BE SUFFICIENTLY MATERIAL TO REQUIRE ATTENTION BY THE FULL

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

Schedule O (Form 990 or 990-EZ) (2018)

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BOARD OR PROMPT ACTION IS REQUIRED IN THE INTEREST OF THE CARY.

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

THE NEW YORK BOTANICAL GARDEN HAS THE ABILITY TO APPOINT UP TO THREE TRUSTEES TO THE BOARD.

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

THE DRAFT 990 WAS SUBMITTED TO THE AUDIT COMMITTEE FOR REVIEW PRIOR TO IT BEING FILED, AND WAS ALSO PROVIDED TO THE BOARD MEMBERS AND ACCEPTED BY A VOTE OF THE FULL BOARD OF TRUSTEES.

FORM 990, PART VI, SECTION B, LINE 12C:

FOR TRUSTEES AND OFFICERS, ALL DISCLOSURES ARE REVIEWED BY THE AUDIT COMMITTEE CHAIR AND IF THERE ARE ANY ACTUAL OR POTENTIAL CONFLICTS THEY ARE BROUGHT TO THE ATTENTION OF THE AUDIT COMMITTEE AND THE FULL BOARD FOR DISCUSSION AND, IF REQUIRED, APPROVAL OR REJECTION SO ALL CAN BE AWARE IF MATTERS ARISE THAT WOULD BE AFFECTED BY THE ACTUAL OR POTENTIAL CONFLICT. THE BASIS OF THE APPROVAL OR REJECTION SHALL BE DOCUMENTED IN THE RECORDS OF THE CORPORATIONS, INCLUDING THE MINUTES OF THE MEETING. FOR EMPLOYEES WITH BUDGETARY AUTHORITY, THE COMPLIANCE OFFICER REVIEWS AND IF THERE ARE POTENTIAL CONFLICTS THE COMPLIANCE OFFICER WORKS WITH THE PRESIDENT TO PUT A PLAN IN PLACE TO MANAGE THE CONFLICT AND IF APPLICABLE THE FUNDING AGENCY WOULD BE NOTIFIED.

FORM 990, PART VI, SECTION B, LINE 15:

THE PRESIDENT'S COMPENSATION WAS SET BY THE BOARD WITH INPUT FROM OUR HEAD HUNTER AND VARIOUS INFORMATION FROM OTHER ORGANIZATIONS INCLUDING LOOKING AT COMPENSATION DISCLOSED IN 990S. EACH YEAR THE CHAIR REVIEWS THE

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COMPENSATION OF THE PRESIDENT AND TAKES ANY INCREASES TO THE FULL BOARD FOR

APPROVAL. KEY EMPLOYEES COMPENSATION IS SET BASED ON SALARY FOR COMPARABLE

POSITIONS AT UNIVERSITIES AND THE DOL INFORMATION ON POSITIONS BY COUNTY.

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

DOCUMENTS ARE AVAILABLE UPON REQUEST.