F	887	79_	FO	1
Form	001	3-	EU	

IRS e-file Signature Authorization for an Exempt Organization

OMB No. 1545-1878

2016

dentification

2017

Department of the Treasury

For calendar year 2016, or fiscal year beginning JUL 1 , 2016, and ending JUN 30 Do not send to the IRS. Keep for your records.

Internal Revenue Service Name of exempt organization

Information about Form 8879-EO and its instructions is at www.irs.gov/form8879eo.

	Employer identification number
CARY INSTITUTE OF ECOSYSTEM STUDIES, INC	22-3232968
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 1 line in Part I.

1a	Form 990 check here X b Total revenue, if any (Form 990, Part VIII, column (A), line 12)	1b	8,257,747.
2 a	Form 990-EZ check here b Total revenue, if any (Form 990-EZ, line 9)	2b	
3a	Form 1120-POL check here b Total tax (Form 1120-POL, line 22)	3b	
4a	Form 990-PF check here b Tax based on investment income (Form 990-PF, Part VI, line 5)	4b	
5a	Form 8868 check here 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 2016 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

X authorize BLUM, SHAPIRO & COMPANY, P.C., CPA'S	to enter my PIN 32968
ERO firm name	Enter five numbers, bu do not enter all zeros
as my signature on the organization's tax year 2016 electronically filed re is being filed with a state agency(ies) regulating charities as part of the II 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 t indicated within this return that a copy of the return is being filed with a program, I will enter my PIN on the return's diaclosure consent screen.	
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 2016 confirm that I am submitting this return in accordance with the requirements of Pu <i>e-file</i> Providers for Business Returns.	
ERO's signature	Date > 05/03/18
ERO Must Retain This Form Do Not Submit This Form To the IRS	
LHA For Paperwork Reduction Act Notice, see instructions.	Form 8879-EO (2016)

623051 09-26-16

EXTENDED	то	MAY	15,	2018
----------	----	-----	-----	------

OMB No. 1545-0047

Open to Public

Inspection

b

Return of Organization Exempt From Income Tax Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

Department of the Treasury Internal Revenue Service

<u>99</u>

Form

▶ Do not enter social security numbers on this form as it may be made public. ▶ Information about Form 990 and its instructions is at www.irs.gov/form990.

AF	or th	e 2016 calendar year, or tax year beginning JUL 1, 2016 and e	ending J	JN 30, 2017	
B c	beck if	le: C Name of organization	D Employer identi	fication number	
	Addr	CARY INSTITUTE OF ECOSYSTEM STUDIES, INC			
	Name	22-32	32968		
	Initial returr	Number and street (or P.O. box if mail is not delivered to street address)	Room/suite	E Telephone numb	er
	Final returr	BOX AB		(845)	677-5343
	termi	City or town, state or province, country, and ZIP or foreign postal code		G Gross receipts \$	21,584,831.
	Amer	MILLBROOK, NY 12545		H(a) Is this a group	return
		F Name and address of principal officer DK. COSHOK K. GINSBERG		for subordinate	es? Yes X No
	pend	SAME AS C ABOVE		H(b) Are all subordinates	included? Yes No
11	ax-ex	empt status: 🔟 501(c)(3) 🛄 501(c) ()◀ (insert no.) 🛄 4947(a)(1) or	r 🛄 527	If "No," attach	a list. (see instructions)
		te: WWW.CARYINSTITUTE.ORG		H(c) Group exempti	on number 🕨
	_	f organization: 🗶 Corporation 🔄 Trust 🔄 Association 🔄 Other 🕨	L Year	of formation: 1993	M State of legal domicile: NY
Pa	art I	Summary			
è	1	Briefly describe the organization's mission or most significant activities: ECOLOGI	CAL RESE	ARCH & EDUCATION	1
anc		. []			
Activities & Governance	2	Check this box 🕨 🛄 if the organization discontinued its operations or dispose	ed of more	1	1
2 0 0	3				
~	4	Number of independent voting members of the governing body (Part VI, line 1b)			
ies	5	Total number of individuals employed in calendar year 2016 (Part V, line 2a)			128
ť	6	Total number of volunteers (estimate if necessary)			
Act		Total unrelated business revenue from Part VIII, column (C), line 12		,	
	b	Net unrelated business taxable income from Form 990-T, line 34	<u>.</u>		,
		- · · · · · · · · · · · · · · · · · · ·		Prior Year	Current Year
ue	8	Contributions and grants (Part VIII, line 1h)		11,031,209	, ,
Revenue	9	Program service revenue (Part VIII, line 2g)		144,978	,
Be		Investment income (Part VIII, column (A), lines 3, 4, and 7d)		2,146,221	, ,
	11	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)		46,455	,
	12	Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12)		13,368,863	, ,
	13	Grants and similar amounts paid (Part IX, column (A), lines 1-3)		99,249	,
	14	Benefits paid to or for members (Part IX, column (A), line 4)		-	•
Expenses	15	Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)		7,049,089	
en		Professional fundraising fees (Part IX, column (A), line 11e)		0	• •••
Ä		Total fundraising expenses (Part IX, column (D), line 25)		2 001 720	E 272 162
_		Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)		3,901,738	
		Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)		11,050,076	, ,
<u> </u>	19	Revenue less expenses. Subtract line 18 from line 12		2,318,787	
ets or ances	00	Total assets (Dout V. line 16)		ginning of Current Year 123,590,165	
Assets Balanc	20	Total assets (Part X, line 16)		1,487,276	
let / und	21	Total liabilities (Part X, line 26)		, ,	, ,
	22 art II	Net assets or fund balances. Subtract line 21 from line 20 Signature Block		122,102,889	. 132,076,519.
	11 L II	Oighatare block			

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

Sign Here			officer JA R. GINSBERG, PRES name and title	SIDENT			Date		
Paid	MAR	t/Type prepare ч кач сикт	ISS	Preparer's signature MARY KAY CURTISS		Date 05/03/18	Sen employed	PTIN P01551484	
Preparer	Firm	n's name 🕞	BLUM, SHAPIRO & COM	IPANY, P.C., CPA S			Firm's EIN 🕨 🤇	06-1009205	
Use Only	Firm	n's address 🕨	29 S. MAIN STREET,	P.O. BOX 272000					
		•	WEST HARTFORD, CT (06127-2000			Phone no.860 5	61 - 4000	
May the I	ay the IRS discuss this return with the preparer shown above? (see instructions)								

		-3232968 F	Page
² a	IT III Statement of Program Service Accomplishments		x
	Check if Schedule O contains a response or note to any line in this Part III	<u></u>	L X
1	Briefly describe the organization's mission:		
	ECOLOGICAL RESEARCH & EDUCATION		
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 N
	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 N
	If "Yes," describe these changes on Schedule O.		
1	Describe the organization's program service accomplishments for each of its three largest program services, as meas		
	Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the	ie total expenses, and	d
	revenue, if any, for each program service reported.		
la			
	RESEARCH - UNBIASED ENVIRONMENTAL RESEARCH TO ADVANCE UNDERSTANDING OF		
	ECOLOGICAL SYSTEMS AND PROVIDE SOLUTIONS FOR ENVIRONMENTAL PROBLEMS.		
	ECOLOGY, INVASIVE SPECIES, CLIMATE CHANGE AND BIOGEOCHEMISTRY RESEARCH.		
	ECOLOGI, INVESTVE SPECIES, CLIMATE CHANGE AND BIOGEOCHEMISTRI REBEARCH.		
b	(Code:) (Expenses \$ 716, 402. including grants of \$) (Revenue \$	39,	128.
	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.		
c	(Code:) (Expenses \$297,467. including grants of \$) (Revenue \$) (Revenue \$) OUTREACH - WE 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.		
d	Other program services (Describe in Schedule O.)		
		129,205.)	
le	Total program service expenses 9,997,538.		
		Form 990) (201
2000	D2 11-11-16		

11150503 755449 CAR001 2016.05070 CARY INSTITUTE OF ECOSYSTEM CAR001_1

Form 990 (2016) CARY INSTITUTE OF CARY INSTITUTE OF ECOSYSTEM STUDIES, INC

22-3232968

Page 3

га				
			Yes	No
1	Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)?			
	If "Yes," complete Schedule A	1	X	
2	Is the organization required to complete Schedule B, Schedule of Contributors?	2	Х	
3	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? <i>If</i> "Yes," <i>complete Schedule C, Part I</i>	3		x
4	Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect			
	during the tax year? If "Yes," complete Schedule C, Part II	4		х
5	Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or			
	similar amounts as defined in Revenue Procedure 98-19? If "Yes," complete Schedule C, Part III	5		X
6	Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to			
	provide advice on the distribution or investment of amounts in such funds or accounts? If "Yes," complete Schedule D, Part I	6		X
7	Did the organization receive or hold a conservation easement, including easements to preserve open space,			
	the environment, historic land areas, or historic structures? If "Yes," complete Schedule D, Part II	7		Х
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III</i>	8		x
9	Did the organization report an amount in Part X, line 21, for escrow or custodial account liability, serve as a custodian for			
	amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services?			
	If "Yes," complete Schedule D, Part IV	9		х
10	Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent			
	endowments, or quasi-endowments? If "Yes," complete Schedule D, Part V	10	Х	
11	If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X			
	as applicable.			
а	Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D, Part VI	11a	x	
b	Did the organization report an amount for investments - other securities in Part X, line 12 that is 5% or more of its total	110		
~	assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VII	11b	х	
с	Did the organization report an amount for investments - program related in Part X, line 13 that is 5% or more of its total			
	assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VIII	11c		x
d	Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in			
	Part X, line 16? If "Yes," complete Schedule D, Part IX	11d		x
е	Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X	11e	Х	
f	Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses			
	the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? If "Yes," complete Schedule D, Part X	11f		x
12a	Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete			
	Schedule D, Parts XI and XII	12a	Х	
b	Was the organization included in consolidated, independent audited financial statements for the tax year?			
	If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional	12b		х
13	Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E	13		Х
14a	Did the organization maintain an office, employees, or agents outside of the United States?	14a		X
b	Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business,			
	investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000			
	or more? If "Yes," complete Schedule F, Parts I and IV	14b	Х	
15	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any			
	foreign organization? If "Yes," complete Schedule F, Parts II and IV	15		X
16	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to			
	or for foreign individuals? If "Yes," complete Schedule F, Parts III and IV	16		X
17	Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX,			<u>.</u> .
	column (A), lines 6 and 11e? If "Yes," complete Schedule G, Part I	17		X
18	Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? <i>If</i> "Yes," <i>complete Schedule G, Part II</i>	18	x	
19	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes,"			
	complete Schedule G, Part III	19		x
		-	000	

Form **990** (2016)

632003 11-11-16

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

CARY INSTITUTE OF ECOSYSTEM STUDIES, INC

and that is treated as a partnership for federal income tax purposes? If "Yes," complete Schedule R, Part VI Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? Note. All Form 990 filers are required to complete Schedule O

Х Form **990** (2016)

37

38

22-3232968

Page 4

No х

х

Х

Х

Х

Х

Х

Х Х

Х Х

Х

Х

Х

Х

Х Х

х

Х

Yes

Х

Х

632004 11-11-16

38

Form 990 (2016)

	990 (2016) CARY INSTITUTE OF ECOSYSTEM STUDIES, INC		22-3232968		P	age 5
Pa						
	Check if Schedule O contains a response or note to any line in this Part V					
					Yes	No
1a	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable	1a	78			
b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable	1b	0			
с	Did the organization comply with backup withholding rules for reportable payments to vendors and re	porta	ble gaming			
	(gambling) winnings to prize winners?			1c	х	
2a	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements,					
	filed for the calendar year ending with or within the year covered by this return	2a	128			
b	If at least one is reported on line 2a, did the organization file all required federal employment tax return	ıs?		2b	х	
	Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions)					
3a				3a	Х	
	If "Yes," has it filed a Form 990-T for this year? If "No," to line 3b, provide an explanation in Schedule C			3b	Х	
	At any time during the calendar year, did the organization have an interest in, or a signature or other a					
	financial account in a foreign country (such as a bank account, securities account, or other financial a		-	4a		x
b	If "Yes," enter the name of the foreign country:		, ·			
~	See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Ac	cour	nts (FBAR)			
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?			5a		х
	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transac			5b		x
	If "Yes," to line 5a or 5b, did the organization file Form 8886-T?			5c		
	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the					
Ua	any contributions that were not tax deductible as charitable contributions?			6a	х	
h	If "Yes," did the organization include with every solicitation an express statement that such contribution			Ua		
D.	were not tax deductible?		°	6b	х	
7	Organizations that may receive deductible contributions under section 170(c).			do		
7	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and serv	vicas r	vovided to the pavor?	7a	х	
	If "Yes," did the organization notify the donor of the value of the goods or services provided?			7a 7b	X	
				70	А	
C	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it wa	-		7-		x
	to file Form 8282?			7c		•
	,	7d	10	_		v
	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit co			7e		X
t	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contra			7f		X
g	If the organization received a contribution of qualified intellectual property, did the organization file For			7g		
-	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization			7h		
8	Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained l	-		-		
	sponsoring organization have excess business holdings at any time during the year?			8		
9	Sponsoring organizations maintaining donor advised funds.			-		
	Did the sponsoring organization make any taxable distributions under section 4966?			9a		
	Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?			9b		
10	Section 501(c)(7) organizations. Enter:					
		10a				
b		10b				
11	Section 501(c)(12) organizations. Enter:					
		11a				
b	Gross income from other sources (Do not net amounts due or paid to other sources against					
		11b				
12a	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1		?	12a		
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year	12b				
13	Section 501(c)(29) qualified nonprofit health insurance issuers.					
а	Is the organization licensed to issue qualified health plans in more than one state?			13a		
	Note. See the instructions for additional information the organization must report on Schedule O.					
b	Enter the amount of reserves the organization is required to maintain by the states in which the					
	• • • • • • • • • • • • • • • • • • •	13b				
с		13c				
	Did the summination was due to a summate for independent of the second second second second second second second			14a		Х
	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule	0		14b		
				Form	990	(2016)

Par	t VI Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a	"No" r	espor	ารต
	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			
ec.	tion A. Governing Body and Management			
			Yes	l
1a	Enter the number of voting members of the governing body at the end of the tax year 1a 21			I
	If there are material differences in voting rights among members of the governing body, or if the governing			I
	body delegated broad authority to an executive committee or similar committee, explain in Schedule O.			I
b	Enter the number of voting members included in line 1a, above, who are independent 1b 21			I
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other			I
	officer, director, trustee, or key employee?	2		
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision			l
	of officers, directors, or trustees, or key employees to a management company or other person?	3		
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4		
5	Did the organization become aware during the year of a significant diversion of the organization's assets?	5		T
6	Did the organization have members or stockholders?	6		T
7a	Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or			T
	more members of the governing body?	7a	х	l
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or			T
	persons other than the governing body?	7b		I
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:	-		t
	The governing body?	8a	х	I
	Each committee with authority to act on behalf of the governing body?	8b	Х	t
	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the			t
	organization's mailing address? If "Yes," provide the names and addresses in Schedule O	9		l
ec.	tion B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)	-		
			Yes	T
0a	Did the organization have local chapters, branches, or affiliates?	10a		t
	If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates,			t
~	and branches to ensure their operations are consistent with the organization's exempt purposes?	10b		l
1a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	11a	х	t
	Describe in Schedule O the process, if any, used by the organization to review this Form 990.	110		t
		12a	х	l
	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12a	x	ł
	Did the organization regularly and consistently monitor and enforce compliance with the policy? <i>If "Yes," describe</i>	120		ł
C		100	х	l
2	in Schedule O how this was done	12c	X	ł
3	Did the organization have a written whistleblower policy?	13	X	╀
4	Did the organization have a written document retention and destruction policy?	14	Δ	╁
5	Did the process for determining compensation of the following persons include a review and approval by independent			l
	persons, comparability data, and contemporaneous substantiation of the deliberation and decision?			ł
	The organization's CEO, Executive Director, or top management official	15a	X	ł
b	Other officers or key employees of the organization	15b	X	ļ
	If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions).			I
6a	Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a			l
	taxable entity during the year?	16a		l
b	If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation			I
	in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's			l
	exempt status with respect to such arrangements?	16b		
ec	tion C. Disclosure			_
7	List the states with which a copy of this Form 990 is required to be filed MY			
8	Section 6104 requires an organization to make its Forms 1023 (or 1024 if applicable), 990, and 990-T (Section 501(c)(3)s only) and 990-T (availab	le	
	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)			
9	Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and	d finan	cial	
	statements available to the public during the tax year.			
	State the name, address, and telephone number of the person who possesses the organization's books and records:			
20				
20	HOLLY TALBOT - 845-677-7600			
20	HOLLY TALBOT - 845-677-7600 BOX AB, MILLBROOK, NY 12545			_
		Form	990	(

Form 990 (2016)	CARY INSTITUTE OF ECOSYSTEM STUDIES, INC	22-3232968 F	Page 7
Part VII Compen	sation of Officers, Directors, Trustees, Key Employees, Highe	st Compensated	
Employe	es, and Independent Contractors		
Check if Sc	hedule O contains a response or note to any line in this Part VII		
Section A. Officers, I	Directors, Trustees, Key Employees, and Highest Compensated Employees		
de Oementete dista table	for all a supervised to be listed. Descent a supervised time for the sector descent	and the second state of a state the state of	

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 (Ď), (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)	(B)		(C)		(D)	(E)	(F)			
Name and Title	Average	(do	Position (do not check more than one		Reportable	Reportable	Estimated			
	hours per	box	, unle	ss pe	rson	is bot	h an	compensation	compensation	amount of
	week	<u> </u>	cer ar	ia a a I	T	or/trus	lee)	from	from related	other
	(list any	recto						the	organizations	compensation
	hours for related	e or di	ee			sated		organization (W-2/1099-MISC)	(W-2/1099-MISC)	from the
	organizations	rustee	l trus		ee	npen		(00-2/1099-00130)		organization and related
	below	d ual ti	itiona		nploy	st cor	5			organizations
	line)	Individual trustee or director	In stitutional trustee	Officer	Key employee	Highest compensated employee	Former			5
(1) IRENE W. BANNING	1.00									
CHAIR		x		x				0.	Ο.	0.
(2) DR. JERRY M. MELILLO	1.00									
VICE CHAIR		х		х				0.	Ο.	Ο.
(3) EDWARD A. AMES	1.00									
SECRETARY		х		х				0.	Ο.	0.
(4) SARAH A. GILLMAN	1.00									
TREASURER		х		х				0.	٥.	0.
(5) SCOTT ULM	1.00									
VICE CHAIR		х		x				0.	0.	0.
(6) STEVEN M. BENARDETE	1.00									
BOARD OF TRUSTEES		х						0.	0.	0.
(7) TIMOTHY BONTECOU	1.00									
BOARD OF TRUSTEES		х						0.	0.	0.
(8) HUGO CASSIRER	1.00									
BOARD OF TRUSTEES		х						0.	0.	0.
(9) EVERETT R. COOK	1.00									
BOARD OF TRUSTEES		х						0.	0.	0.
(10) J. BARCLAY COLLINS	1.00									
BOARD OF TRUSTEES		х						0.	0.	0.
(11) ELIZABETH R. HILPMAN	1.00									
BOARD OF TRUSTEES		х						0.	0.	0.
(12) SOOHYUNG KIM	1.00									
BOARD OF TRUSTEES	1 00	X						0.	0.	0.
(13) BRUCE W. LING BOARD OF TRUSTEES	1.00	x						0.	0.	0.
(14) THOMAS E. LOVEJOY, PH.D	1.00	^						U.	0.	0.
BOARD OF TRUSTEES	1.00	x						0.	0.	0.
(15) CHRISTOPHER J. MCKENZIE	1.00	~						· · ·	••	0.
BOARD OF TRUSTEES	1.00	x						0.	0.	0.
(16) ERIC W. ROBERTS	1.00							· · ·		<u>.</u>
BOARD OF TRUSTEES	1.00	x						0.	0.	0.
(17) RALPH SCHMIDT	1.00							°.		<u>.</u>
BOARD OF TRUSTEES		x						0.	0.	0.
632007 11-11-16				·		·			- •	Form 990 (2016)
						-				

7

Form 990 (2016) CARY INSTITUT	E OF ECOSY	STE	M S	TUD	IES	, I	NC		22-3232	968		P	age 8
Part VII Section A. Officers, Directors, Trus	tees, Key Em	ploy	vees	, an	d Hi	ighe	st (Compensated Employe	es (continued)				
(A) Name and title	(B) Average hours per week	(do box	not c	(C Pos check ess pe	C) itior more erson		one h an	(D) Reportable	(E) Reportable compensatio from related		an	(F) timate nount other	
	(list any hours for related organizations below line)	Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former	the organization (W-2/1099-MISC)	organizations (W-2/1099-MIS		fr org and	pensa om th anizat d relat anizati	e tion ted
(18) MARTIN SENZEL	1.00												
BOARD OF TRUSTEES		Х						0.		0.			0.
(19) ALLAN P. SHOPE	1.00												
BOARD OF TRUSTEES		х						0.		0.			٥.
(20) SERENA H. WHITRIDGE	1.00												
BOARD OF TRUSTEES	1.00	х						0.		0.			٥.
(21) JAMES WILLIAMS	1.00	ł											
BOARD OF TRUSTEES		X						0.		0.			٥.
(22) JOSHUA GINSBERG	35.00	-						070.004		0		- 1	602
PRESIDENT	25.00			x				278,904.		0.		51,	,693.
(23) HOLLY A TALBOT	35.00	-		x				154 050		0.		20	177
DIRECTOR OF ADMIN./COMPTRO (24) DR. STEWARD T.A. PICKETT	35.00			^				154,959.		υ.		29,	,177.
DISTINGUISHED SENIOR SCIEN	35.00					x		170 678		0.		27	,752.
(25) DR. RICHARD S. OSTFELD	35.00							170,678.		۰.		27,	, 152.
SENIOR SCIENTIST	55.00	-				x		154,493.		0.		37	,610.
(26) DR. GARY M. LOVETT	35.00							101,100.		••			, • • • •
SENIOR SCIENTIST		1				x		139,911.		0.		28	,567.
1b Sub-total								898,945.		0.			,799.
c Total from continuation sheets to Part VI	I Section A						5	271,316.		0.			,760.
d Total (add lines 1b and 1c)								1,170,261.		0.			,559.
2 Total number of individuals (including but n									0.000 of reportabl	e			
compensation from the organization						-,				-			14
												Yes	No
3 Did the organization list any former officer, line 1a? <i>If</i> "Yes," <i>complete Schedule J for sa</i>											3		x
4 For any individual listed on line 1a, is the su	Im of reportab	le co	omp	ensa	atior	n and	d ot	ther compensation from	the organization				
and related organizations greater than \$150									3		4	х	
5 Did any person listed on line 1a receive or a													
rendered to the organization? If "Yes," com											5		х
Section B. Independent Contractors													
1 Complete this table for your five highest co the organization. Report compensation for	-	-								ipens	ation f	rom	
(A)								(B)			(C	;)	
Name and business	address							Description of s	services	С	ompe		n
HALL CAPITAL ONE MARITIME PLAZA, SAN FRANCISCO, CA	94111							INVESTMENT CONSULT	ING			285	,365.
PESTECH EXTERMINATING INC.													
PO BOX 391, LIBERTY, NY 12754								LYME DISEASE RESEA	RCH SUPPLIES			235	,575.
													,
2 Total number of independent contractors (ii \$100,000 of compensation from the organiz	e e	not li	mite	d to		se li: 2	steo	L d above) who received n	nore than				
SEE PART VII, SECTION A CONTINU		TS									Form	990 ()	2016)
632008 11-11-16						0						,	,

Part VII Section A. Officers, Directors,	Trustees, Key E	mplo	oyee	es, a	nd l	ligh	est	Compensated Employ	ees (continued)	
(A)	(B)			(0	C)			(D)	(E)	(F)
Name and title	Average hours	(c	heck		ition that		ly)	Reportable compensation	Reportable compensation	Estimated amount of
	per week (list any hours for related organizations below	stee or director	Institutional trustee		Key employee	Highest compensated employee		from the organization (W-2/1099-MISC)	from related organizations (W-2/1099-MISC)	other compensatio from the organization and related organization
	line)	Indivi	Institu	Officer	Key e	Highe	Former			
27) STUART FINDLAY ENIOR SCIENTIST	35.00					x		130,630.	0.	25,84
28) KATHLEEN C. WEATHERS	35.00					^		130,030.	0.	25,04
ENIOR SCIENTIST						x		140,686.	0.	23,91
		-								
		╞								
		$\left \right $								
		╞								
		╞								
		ł								
otal to Part VII, Section A, line 1c	•					•		271,316.		49,7

632201 04-01-16

		()		COSYSTEM STUD	DIES, INC		22-3232968	Page 9
Pa	rt VII	I Statement of Rever	nue					
		Check if Schedule O cont	ains a response	or note to any lin		/=>		
					(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512 - 514
nts nts	1 a	Federated campaigns	1a					
Contributions, Gifts, Grants and Other Similar Amounts	b	Membership dues	1b	344,078.				
ts, (с	Fundraising events	1c	15,050.				
Gifl	d	Related organizations	1d					
imi	е	Government grants (contribut	ions) 1e	5,198,014.				
rior S	f	All other contributions, gifts, gran	ts, and					
ibu		similar amounts not included abo	ve 1f	637,766.				
ontr of O	g	Noncash contributions included in lines	a 1a-1f: \$					
<u>a C</u>	h	Total. Add lines 1a-1f		►	6,194,908.			
				Business Code				
ice	2 a	HOUSING - RESEARCH & E		900099	129,205.	129,205.		
le rvi	b	TUITION - EDUCATION		611600	39,128.	39,128.		
n S ent	С							
Program Service Revenue	d							
rog	е							
₽	f	All other program service reve						
	g				168,333.			
	3	Investment income (including						
		other similar amounts)			95,467.		-11,397.	106,864.
	4	Income from investment of ta						
	5	Royalties						
	_	_	(i) Real	(ii) Personal				
		Gross rents						
		Less: rental expenses						
		Rental income or (loss)						
		Net rental income or (loss)						
	7 a	Gross amount from sales of	(i) Securities	(ii) Other				
		assets other than inventory	14,954,374.					
	D	Less: cost or other basis	13 294 403					
		and sales expenses						
		Gain or (loss)			1,659,971.		18,011.	1,641,960.
		Net gain or (loss) Gross income from fundraisin			1,000,071.		10,011.	1,041,000
Other Revenue	0 a	including \$ 15						
ieve		contributions reported on line						
Å		Part IV, line 18	-	50,950.				
the	h	Less: direct expenses		· · · · ·				
ō		Net income or (loss) from fund			18,269.			18,269
		Gross income from gaming ad	-		, •			,
		Part IV, line 19						
	b	Less: direct expenses						
		Net income or (loss) from gan						
		Gross sales of inventory, less	-					
		and allowances						
	b	Less: cost of goods sold						
		Net income or (loss) from sale						
		Miscellaneous Revenu		Business Code				
	11 a	MISCELLANEOUS INCOME		900099	120,799.			120,799.
	b							
	с							
	d							
	е	Total. Add lines 11a-11d			120,799.			
	12	Total revenue. See instructions.		►	8,257,747.	168,333.	6,614.	1,887,892.
63200	9 11-1	1-16						Form 990 (2016)

2016.05070 CARY INSTITUTE OF ECOSYSTEM CAR001_1

¹⁰

CARY INSTITUTE OF ECOSYSTEM STUDIES, INC Part IX Statement of Functional Expenses

22-3232968

Do	Check if Schedule O contains a respons not include amounts reported on lines 6b,	(A)	(B)	(C)	(D)
	8b, 9b, and 10b of Part VIII.	Total expenses	Program service expenses	Management and general expenses	Fundraising expenses
1	Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21				
2					
2	Grants and other assistance to domestic	116,693.	116,693.		
2	individuals. See Part IV, line 22	110,095.	110,095.		
3	Grants and other assistance to foreign				
	organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16				
4	Benefits paid to or for members				
5	Compensation of current officers, directors,				
5	trustees, and key employees	626,607.		626,607.	
6	Compensation not included above, to disgualified				
Ů	persons (as defined under section 4958(f)(1)) and				
	persons described in section 4958(c)(3)(B)				
7	Other salaries and wages	5,271,644.	4,446,686.	656,516.	168,44
8	Pension plan accruals and contributions (include	, , -	, , -	, -	/
Č	section 401(k) and 403(b) employer contributions)				
9	Other employee benefits	1,644,303.	1,355,202.	233,085.	56,01
10	Payroll taxes	, , -	, , -	, -	,
11	Fees for services (non-employees):				
	Management				
b		3,101.		3,101.	
	Accounting	82,055.		79,000.	3,05
	Lobbying	, -		, -	,
	Professional fundraising services. See Part IV, line 17				
f	Investment management fees	778,954.	23,912.	755,042.	
g		,	,	,	
3	column (A) amount, list line 11g expenses on Sch O.)	955,236.	810,944.	99,770.	44,52
12	Advertising and promotion	,	,	,	,
13	Office expenses	494,031.	430,675.	61,098.	2,25
.e 14	Information technology	,	,	,	,
15	Royalties				
16	Occupancy	106,351.	102,001.	3,887.	46
17	Travel	356,847.	348,245.	5,099.	3,50
18	Payments of travel or entertainment expenses	,	,	,	,
	for any federal, state, or local public officials				
19	Conferences, conventions, and meetings	41,425.	30,323.	2,771.	8,33
20	Interest	1,675.	1,675.		-
21	Payments to affiliates				
22	Depreciation, depletion, and amortization	453,207.	436,051.	15,286.	1,87
23	Insurance	139,400.		139,400.	
24	Other expenses. Itemize expenses not covered above. (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule 0.)				
а		1,634,355.	1,634,355.		
b		172,595.	164,680.	3,328.	4,58
c	NT GOTI I NITOUG	104,414.	62,546.	39,279.	2,58
d		34,020.	22,268.	11,732.	, 2
	All other expenses	14,496.	11,282.	1,426.	1,78
25	Total functional expenses. Add lines 1 through 24e	13,031,409.	9,997,538.	2,736,427.	297,44
26	Joint costs. Complete this line only if the organization	, , ,	, , ,	, , ,	,
	reported in column (B) joint costs from a combined				
	educational campaign and fundraising solicitation.				
	Check here if following SOP 98-2 (ASC 958-720)				

632010 11-11-16

11150503 755449 CAR001

11 2016.05070 CARY INSTITUTE OF ECOSYSTEM CAR001_1

Form **990** (2016)

Form 990 (2016)

1

2

3

4

5

Assets

Liabilities

Net Assets or Fund Balances

5	Loans and other receivables from current and to	incers, directors,				
	trustees, key employees, and highest compensation	ated en	ployees. Complete			
	Part II of Schedule L			5		
6	Loans and other receivables from other disquali					
	section 4958(f)(1)), persons described in section	n 4958(c)(3)(B), and contributing			
	employers and sponsoring organizations of sec	tion 50 ⁻	(c)(9) voluntary			
	employees' beneficiary organizations (see instr)	. Comp	ete Part II of Sch L		6	
7	Notes and loans receivable, net			36,031.	7	35,160.
8	Inventories for sale or use				8	
9				193,145.	9	200,748.
	Land, buildings, and equipment: cost or other			,		,
	basis. Complete Part VI of Schedule D	10a	20,764,931.			
h h	Less: accumulated depreciation		14,186,855.	6,775,826.	10c	6,578,076.
11	Investments - publicly traded securities			22,288,913.		28,042,677.
12	Investments - other securities. See Part IV, line			88,105,666.	12	93,091,482.
13	Investments - program-related. See Part IV, line			,,	13	,
14					14	
15	Intangible assets			15		
16	Other assets. See Part IV, line 11		123,590,165.	16	133,680,834.	
	Total assets. Add lines 1 through 15 (must equ	132,722.	17	302,336.		
17	Accounts payable and accrued expenses	152,722.		502,550.		
18	Grants payable	276,710.	18	228,398.		
19		270,710.	19	220,350.		
20	Tax-exempt bond liabilities		20			
21	Escrow or custodial account liability. Complete		21			
22	Loans and other payables to current and forme					
	key employees, highest compensated employee					
				22		
23	Secured mortgages and notes payable to unrela			20.005	23	00.100
24	Unsecured notes and loans payable to unrelate			30,265.	24	22,168.
25	Other liabilities (including federal income tax, pa					
	parties, and other liabilities not included on lines	s 17-24)	. Complete Part X of			
	Schedule D			1,047,579.		1,051,413.
26				1,487,276.	26	1,604,315.
	Organizations that follow SFAS 117 (ASC 958		k here 🕨 🔯 and			
	complete lines 27 through 29, and lines 33 ar					
27	Unrestricted net assets			25,931,256.		28,830,408.
28	Temporarily restricted net assets		15,687,672.		22,761,599.	
29				80,483,961.	29	80,484,512.
	Organizations that do not follow SFAS 117 (A	8), check here ▶ └──				
	and complete lines 30 through 34.					
30	Capital stock or trust principal, or current funds			30		
31	Paid-in or capital surplus, or land, building, or ed			31		
32	Retained earnings, endowment, accumulated in			32		
33	Total net assets or fund balances	122,102,889.	33	132,076,519.		
	Total liabilities and net assets/fund balances			133,680,834.		

CARY INSTITUTE OF ECOSYSTEM STUDIES. INC Part X Balance Sheet

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

Cash - non-interest-bearing

Savings and temporary cash investments

Pledges and grants receivable, net

Accounts receivable, net

Loans and other receivables from current and former officers, directors,

22-3232968

1

2

3

4

(A)

Beginning of year

1,332,071

4,818,750.

39,763.

Page **11**

1,716,921.

3,975,952.

39,818.

(B) End of year

Form	990 (2016) CARY INSTITUTE OF ECOSYSTEM STUDIES, INC	22-3232968		Pa	ge 12			
	rt XI Reconciliation of Net Assets				2			
	Check if Schedule O contains a response or note to any line in this Part XI							
1	Total revenue (must equal Part VIII, column (A), line 12)	1	8	,257	,747.			
2	Total expenses (must equal Part IX, column (A), line 25)	2	13	,031	,409.			
3								
4								
5	Net unrealized gains (losses) on investments 5							
6	Donated services and use of facilities	6						
7	Investment expenses	7						
8	Prior period adjustments	8						
9	Other changes in net assets or fund balances (explain in Schedule O)							
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33,							
	column (B))	10	132	,076	,519.			
Pa	rt XII Financial Statements and Reporting							
	Check if Schedule O contains a response or note to any line in this Part XII							
				Yes	No			
1	Accounting method used to prepare the Form 990: Cash X Accrual Other							
	If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule	О.						
2a			2a		X			
	If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed	l on a						
	separate basis, consolidated basis, or both:							
	Separate basis Consolidated basis Both consolidated and separate basis							
b	Were the organization's financial statements audited by an independent accountant?		2b	X				
	If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separat	e basis,						
	consolidated basis, or both:							
	X Separate basis Consolidated basis Both consolidated and separate basis							
С	If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of th							
	review, or compilation of its financial statements and selection of an independent accountant?		2c	X				
	If the organization changed either its oversight process or selection process during the tax year, explain in Sch							
3a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Si	ngle Audit						
	Act and OMB Circular A-133?		3a	Х	 			
b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the requ				1			
	or audits, explain why in Schedule O and describe any steps taken to undergo such audits		3b	X	L			

Form **990** (2016)

632012 11-11-16

SCHEDULE A

(Form 990 or 990-EZ)

Public Charity Status and Public Support Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.

4947(a)(1) nor	nexempt ch	aritab	le trust.
Attach to F	orm 990 or	Form	990-EZ.

LU	IU
Open to	Public
Inspec	ction

OMB No. 1545-0047

2016

Department of the Treasury Internal Revenue Service

	Attach to Form 990 or Form 990-EZ.	
	Information about Schedule A (Form 990 or 990-EZ) and its instructions is at WWW.irs.gov/fe	orm990.
- 43		Emeric

Name	of the	organization

Name o	lame of the organization Employer identification number								
			SYSTEM STUDIES, IN					2-3232968	
Part I	Reason for Public	Charity Status (All organizations must co	omplete th	is part.) Se	ee instruction	S.		
The orga	anization is not a private found	dation because it is:	(For lines 1 through 12, o	heck only	one box.)				
1	A church, convention of ch	urches, or associati	on of churches describe	d in sectio	n 170(b)([.]	1)(A)(i).			
2	A school described in sect	ion 170(b)(1)(A)(ii).	(Attach Schedule E (Forn	n 990 or 9	90-EZ).)				
3	A hospital or a cooperative	hospital service org	anization described in s e	ection 170	(b)(1)(A)(i	ii).			
4	A medical research organiz	ation operated in co	onjunction with a hospita	l described	d in sectio	n 170(b)(1)(A)(iii). Enter	the hospital's name,	
	city, and state:								
5	An organization operated f	or the benefit of a co	ollege or university owne	d or opera	ted by a g	overnmental (unit descrik	bed in	
	section 170(b)(1)(A)(iv).	Complete Part II.)							
6	A federal, state, or local go	vernment or governi	mental unit described in	section 17	70(b)(1)(A)	(v).			
7 X	An organization that norma	ally receives a substa	antial part of its support f	rom a gov	ernmental	unit or from t	he general	public described in	
	section 170(b)(1)(A)(vi). (C	omplete Part II.)							
8	A community trust describe	ed in section 170(b)	(1)(A)(vi). (Complete Par	t II.)					
9	An agricultural research or	ganization described	d in section 170(b)(1)(A)(ix) operate	ed in conju	unction with a	land-grant	college	
	or university or a non-land-	grant college of agrid	culture (see instructions).	Enter the	name, cit	y, and state o	f the colleg	e 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 exer	npt functions - subje	ect to certain exceptions,	and (2) no	o more tha	in 33 1/3% of	its suppor	t from gross investment	
	income and unrelated busi	ness taxable income	e (less section 511 tax) fr	om busine	sses acqu	ired by the o	rganization	after June 30, 1975.	
	See section 509(a)(2). (Co	mplete 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 or	-						Check the box in	
Г	lines 12a through 12d that				-		-		
a∟	Type I. A supporting orga	-	-	•	-				
	the supported organization			a majority	of the dire	ctors or truste	ees of the s	supporting	
. г	organization. You must o	-							
b∟	Type II. A supporting org	-				-		-	
	control or management o			ame perso	ons that co	ontrol or mana	age the sup	portea	
c [organization(s). You mus Type III functionally inte			in connoc	tion with	and functions	lly intograt	od with	
C L	its supported organizatio						iny integration	eu with,	
d [Type III non-functionally						rted organi	zation(s)	
uL	that is not functionally inf						-		
	requirement (see instruct			-		-	a an attorn		
e	Check this box if the orga						II. Type III		
	functionally integrated, o						··, · ,		
f En	ter the number of supported		, , ,	0 0					
	ovide the following information								
	(i) Name of supported	(ii) EIN	(iii) Type of organization	(iv) Is the orga in your governi	nization listed ng document?	(v) Amount of	,	(vi) Amount of other	
	organization		(described on lines 1-10 above (see instructions))	Yes	No	support (see ir	nstructions)	support (see instructions)	
Tatal									
Total									

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ. 632021 09-21-16 Schedule A (Form 990 or 990-EZ) 2016 14

2016.05070 CARY INSTITUTE OF ECOSYSTEM CAR001_1

Schedule A (Form 990 or 990-EZ) 2016 CARY INSTITUTE OF ECOSYSTEM STUDIES, INC

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.)

Se	ction A. Public Support						
Cale	endar year (or fiscal year beginning in) 🕨	(a) 2012	(b) 2013	(c) 2014	(d) 2015	(e) 2016	(f) Total
1	Gifts, grants, contributions, and						
	membership fees received. (Do not						
	include any "unusual grants.")	5,374,280.	4,959,742.	5,104,968.	11,031,209.	6,194,908.	32,665,107.
2	Tax revenues levied for the organ-						
	ization's benefit and either paid to						
	or expended on its behalf						
3	The value of services or facilities						
	furnished by a governmental unit to						
	the organization without charge \dots						
4	Total. Add lines 1 through 3	5,374,280.	4,959,742.	5,104,968.	11,031,209.	6,194,908.	32,665,107.
5	The portion of total contributions						
	by each person (other than a						
	governmental unit or publicly						
	supported organization) included						
	on line 1 that exceeds 2% of the						
	amount shown on line 11,						
	column (f)						4,327,431.
6	Public support. Subtract line 5 from line 4.						28,337,676.
Se	ction B. Total Support						
Cale	endar year (or fiscal year beginning in) 🕨	(a) 2012	(b) 2013	(c) 2014	(d) 2015	(e) 2016	(f) Total
7	Amounts from line 4	5,374,280.	4,959,742.	5,104,968.	11,031,209.	6,194,908.	32,665,107.
8	Gross income from interest,						
	dividends, payments received on						
	securities loans, rents, royalties						
	and income from similar sources \dots	158,951.	33,589.	29,173.	40,552.	95,467.	357,732.
9	Net income from unrelated business						
	activities, whether or not the						
	business is regularly carried on						
10	Other income. Do not include gain						
	or loss from the sale of capital						
	assets (Explain in Part VI.)	156,615.	103,972.	196,728.	27,475.	120,799.	605,589.
11	Total support. Add lines 7 through 10						33,628,428.
12	Gross receipts from related activities,	etc. (see instruction	ons)			12	699,266.
13	First five years. If the Form 990 is for	the organization's	first, second, third	l, fourth, or fifth ta	ix year as a sectio	n 501(c)(3)	
	organization, check this box and stop	here					
Se	ction C. Computation of Publ	ic Support Pe	rcentage				
14	Public support percentage for 2016 (I	ine 6, column (f) di	vided by line 11, c	olumn (f))		14	84.27 %
	Public support percentage from 2015					15	81.18 %
16 a	33 1/3% support test - 2016. If the c	organization did no	t check the box on	line 13, and line	14 is 33 1/3% or r	nore, check this bo	
	stop here. The organization qualifies						
k	33 1/3% support test - 2015. If the c	organization did no	t check a box on li	ne 13 or 16a, and	line 15 is 33 1/3%	or more, check th	nis box
	and stop here. The organization qual						
17a	10% -facts-and-circumstances test	t - 2016. If the org	anization did not cl	neck a box on line	e 13, 16a, or 16b, a	and line 14 is 10%	or more,
	and if the organization meets the "fac	ts-and-circumstan	ces" test, check th	is box and stop h	ere. Explain in Pa	rt VI how the organ	ization
	meets the "facts-and-circumstances"	test. The organiza	tion qualifies as a p	oublicly supported	organization		▶∟
b	0 10% -facts-and-circumstances test	t - 2015. If the orga	anization did not cl	neck a box on line	e 13, 16a, 16b, or	17a, and line 15 is	10% or
	more, and if the organization meets th	ne "facts-and-circu	mstances" test, ch	eck this box and s	stop here. Explair	n in Part VI how the	
	organization meets the "facts-and-circ	cumstances" test.	The organization q	ualifies as a public	cly supported orga	anization	
18	Private foundation. If the organizatio	n did not check a l	box on line 13, 16a	., 16b, 17a, or 17b	, check this box a	and see instruction	s ►
					. .		

Schedule A (Form 990 or 990-EZ) 2016

632022 09-21-16

11150503 755449 CAR001

22-3232968

Concaulo	
Part II	Supp

Schedule A (Form 990 or 990-EZ) 2016 CARY INSTITUTE OF ECOSYSTEM STUDIES, INC

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.)

Sec	tion A. Public Support						
Caler	ndar year (or fiscal year beginning in) 🕨	(a) 2012	(b) 2013	(c) 2014	(d) 2015	(e) 2016	(f) Total
1	Gifts, grants, contributions, and						
	membership fees received. (Do not						
	include any "unusual grants.")						
	Gross receipts from admissions, merchandise sold or services per- formed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3	Gross receipts from activities that						
	are not an unrelated trade or bus-						
	iness under section 513						
4	Tax revenues levied for the organ-						
	ization's benefit and either paid to						
	or expended on its behalf						
5	The value of services or facilities						
	furnished by a governmental unit to						
	the organization without charge						
6	Total. Add lines 1 through 5						
7a	Amounts included on lines 1, 2, and						
	3 received from disqualified persons						
	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						
	Add lines 7a and 7b						
8	Public support. (Subtract line 7c from line 6.)						
Sec	tion B. Total Support			-			
Caler	ndar year (or fiscal year beginning in) 🕨	(a) 2012	(b) 2013	(c) 2014	(d) 2015	(e) 2016	(f) Total
9	Amounts from line 6						
	Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
b	Unrelated business taxable income						
	(less section 511 taxes) from businesses						
	acquired after June 30, 1975						
	Add lines 10a and 10b						
	Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
	Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
	Total support. (Add lines 9, 10c, 11, and 12.)						
14	First five years. If the Form 990 is fo	r the organization's	s first, second, thir	d, fourth, or fifth t	tax year as a sectio	on 501(c)(3) organ	ization,
	check this box and stop here						>
	tion C. Computation of Publ						
15	Public support percentage for 2016 (line 8, column (f) d	ivided by line 13, o	column (f))		15	%
	Public support percentage from 2015					16	%
Sec	tion D. Computation of Inve	stment Incom	e Percentage				
	Investment income percentage for 20					17	%
	Investment income percentage from					18	%
	33 1/3% support tests - 2016. If the	-					
	more than 33 1/3%, check this box a						
	33 1/3% support tests - 2015. If the						
	line 18 is not more than 33 1/3%, che						
20	Private foundation. If the organization	on did not check a	box on line 14, 19	a, or 19b, check t			
63202	3 09-21-16			16	Sch	edule A (Form 9	90 or 990-EZ) 2016

^{2016.05070} CARY INSTITUTE OF ECOSYSTEM CAR001_1

Schedule A (Form 990 or 990-EZ) 2016 CARY INSTITUTE OF ECOSYSTEM STUDIES, INC

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

- 1 Are all of the organization's supported organizations listed by name in the organization's governing documents? 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.
- 2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).
- 3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer (b) and (c) below.
- b Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in Part VI when and how the organization made the determination.
- c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in Part VI what controls the organization put in place to ensure such use.
- 4a Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes," and if you checked 12a or 12b in Part I, answer (b) and (c) below.
- **b** Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? 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.
- c Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? 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.
- 5a Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in 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).
- **b** Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?
- c Substitutions only. Was the substitution the result of an event beyond the organization's control?
- 6 Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? If "Yes," provide detail in Part VI.
- 7 Did the organization provide a grant, loan, compensation, or other similar payment to a sul (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% c regard to a substantial contributor? If "Yes," complete Part I of Schedule L (Form 990 or 9.
- 8 Did the organization make a loan to a disgualified person (as defined in section 4958) not If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).
- 9a Was the organization controlled directly or indirectly at any time during the tax year by one disqualified persons as defined in section 4946 (other than foundation managers and orga in section 509(a)(1) or (2))? If "Yes," provide detail in Part VI.
- b Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in an the supporting organization had an interest? If "Yes," provide detail in Part VI.
- c Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive an from, assets in which the supporting organization also had an interest? If "Yes," provide de
- 10a Was the organization subject to the excess business holdings rules of section 4943 becau 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally supporting organizations)? If "Yes," answer 10b below.
 - **b** Did the organization have any excess business holdings in the tax year? (Use Schedule C, determine whether the organization had excess business holdings.)

632024 09-21-16

	6
bstantial contributor	
controlled entity with	
90- <i>EZ</i>).	7
described in line 7?	
	8
e or more	
anizations described	
	9a
y entity in which	
	9b
y personal benefit	
etail in Part VI.	9c
use of section	
y integrated	
	10a
, Form 4720, to	
	10b
Schedule A (Form 9	90 or 9
ITUTE OF ECOSYSTEN	1 CA

Yes No

1

2

3a

3b

3c

4a

4b

4c

5a

5b

5c

22-3232968

or 990-EZ) 2016

11150503 755449 CAR001

2016.05070 CARY INST CAR001 1

17

	(Form 990 or 990-EZ) 2016		Or	ECOSISIEM	STODIES,	TINC
Part IV	Supporting Organize	ation	~			

га	Supporting Organizations (continued)		-	<u> </u>
			Yes	No
11	Has the organization accepted a gift or contribution from any of the following persons?			
а	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?	11a		<u> </u>
	A family member of a person described in (a) above?	11b		
	A 35% controlled entity of a person described in (a) or (b) above? <i>If</i> "Yes" to a, b, or c, provide detail in Part VI .	11c		
Sec	tion B. Type I Supporting Organizations			
			Yes	No
1	Did the directors, trustees, or membership of one or more supported organizations have the power to			
	regularly appoint or elect at least a majority of the organization's directors or trustees at all times during the			
	tax year? If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or			
	controlled the organization's activities. If the organization had more than one supported organization,			
	describe how the powers to appoint and/or remove directors or trustees were allocated among the supported	-		
	organizations and what conditions or restrictions, if any, applied to such powers during the tax year.	1		
2	Did the organization operate for the benefit of any supported organization other than the supported			
	organization(s) that operated, supervised, or controlled the supporting organization? If "Yes," explain in			
	Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated,			
	supervised, or controlled the supporting organization.	2		
Sec	tion C. Type II Supporting Organizations			
			Yes	No
1	Were a majority of the organization's directors or trustees during the tax year also a majority of the directors			
	or trustees of each of the organization's supported organization(s)? If "No," describe in Part VI how control			
	or management of the supporting organization was vested in the same persons that controlled or managed			
	the supported organization(s).	1		
Sec	tion D. All Type III Supporting Organizations			
			Yes	No
1	Did the organization provide to each of its supported organizations, by the last day of the fifth month of the			
	organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax			
	year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the			
	organization's governing documents in effect on the date of notification, to the extent not previously provided?	1		
2	Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported			
	organization(s) or (ii) serving on the governing body of a supported organization? If "No," explain in Part VI how			
	the organization maintained a close and continuous working relationship with the supported organization(s).	2		
3	By reason of the relationship described in (2), did the organization's supported organizations have a			
	significant voice in the organization's investment policies and in directing the use of the organization's			
	income or assets at all times during the tax year? If "Yes," describe in Part VI the role the organization's			
	supported organizations played in this regard.	3		
Sec	tion E. Type III Functionally Integrated Supporting Organizations			
1	Check the box next to the method that the organization used to satisfy the Integral Part Test during the yea(see instructions).			
а	The organization satisfied the Activities Test. Complete line 2 below.			
b	The organization is the parent of each of its supported organizations. <i>Complete line 3 below</i> .			
С	The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see inst	ructions).	<u> </u>
2	Activities Test. Answer (a) and (b) below.		Yes	No
а	Did substantially all of the organization's activities during the tax year directly further the exempt purposes of			
	the supported organization(s) to which the organization was responsive? If "Yes," then in Part VI identify			
	those supported organizations and explain how these activities directly furthered their exempt purposes,			
	how the organization was responsive to those supported organizations, and how the organization determined			
	that these activities constituted substantially all of its activities.	2a		
b	Did the activities described in (a) constitute activities that, but for the organization's involvement, one or more			
	of the organization's supported organization(s) would have been engaged in? If "Yes," explain in Part VI the			
	reasons for the organization's position that its supported organization(s) would have engaged in these			
	activities but for the organization's involvement.	2b		
3	Parent of Supported Organizations. Answer (a) and (b) below.			
а	Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or			
	trustees of each of the supported organizations? Provide details in Part VI.	3a		
b				
	of its supported organizations? If "Yes," describe in Part VI the role played by the organization in this regard.	3b		L
63202	5 09-21-16 Schedule A (Form 9	90 or 99	90-EZ)) 2016
	IX			

^{2016.05070} CARY INSTITUTE OF ECOSYSTEM CAR001_1

Schedule A	(Form 990 or 990-EZ	2016 (CARY	INSTITUTE	OF	ECOSYSTEM	STUDIES,	INC

	edule A (Form 990 or 990-EZ) 2016 CARY INSTITUTE OF ECOSYSTEM STUDIES			22-3232968	Page 6
Pa	rt V Type III Non-Functionally Integrated 509(a)(3) Supporting				
1	Check here if the organization satisfied the Integral Part Test as a qualifying	g trust o	n Nov. 20, 1970 (explai	n in Part VI.) See ins	tructions. Al
	other Type III non-functionally integrated supporting organizations must co	mplete S	Sections A through E.		
Sect	tion A - Adjusted Net Income		(A) Prior Year	(B) Currer (optior	
1	Net short-term capital gain	1			
2	Recoveries of prior-year distributions	2			
3	Other gross income (see instructions)	3			
4	Add lines 1 through 3	4			
5	Depreciation and depletion	5			
6	Portion of operating expenses paid or incurred for production or				
	collection of gross income or for management, conservation, or				
	maintenance of property held for production of income (see instructions)	6			
7	Other expenses (see instructions)	7			
8	Adjusted Net Income (subtract lines 5, 6, and 7 from line 4)	8			
Sect	tion B - Minimum Asset Amount		(A) Prior Year	(B) Currer (optior	
1	Aggregate fair market value of all non-exempt-use assets (see				
	instructions for short tax year or assets held for part of year):				
а	Average monthly value of securities	1a			
b	Average monthly cash balances	1b			
с	Fair market value of other non-exempt-use assets	1c			
d	Total (add lines 1a, 1b, and 1c)	1d			
е	Discount claimed for blockage or other				
	factors (explain in detail in Part VI):				
2	Acquisition indebtedness applicable to non-exempt-use assets	2			
3	Subtract line 2 from line 1d	3			
4	Cash deemed held for exempt use. Enter 1-1/2% of line 3 (for greater amount,				
	see instructions)	4			
5	Net value of non-exempt-use assets (subtract line 4 from line 3)	5			
6	Multiply line 5 by .035	6			
7	Recoveries of prior-year distributions	7			
8	Minimum Asset Amount (add line 7 to line 6)	8			
Sect	tion C - Distributable Amount			Current	Year
1	Adjusted net income for prior year (from Section A, line 8, Column A)	1			
2	Enter 85% of line 1	2			
3	Minimum asset amount for prior year (from Section B, line 8, Column A)	3			
4	Enter greater of line 2 or line 3	4			
5	Income tax imposed in prior year	5			
6	Distributable Amount. Subtract line 5 from line 4, unless subject to				
	emergency temporary reduction (see instructions)	6			
_				/	

Check here if the current year is the organization's first as a non-functionally integrated Type III supporting organization (see 7 instructions).

Schedule A (Form 990 or 990-EZ) 2016

632026 09-21-16

	dule A (Form 990 or 990-EZ) 2016 CARY INSTITUTE OF EC			2-3232968	Page 7
Par	t V Type III Non-Functionally Integrated 509	(a)(3) Supporting Orga	anizations _(continued)		
Secti	on D - Distributions		. ,	Current Yea	ar
1	Amounts paid to supported organizations to accomplish exe	mpt purposes			
2	Amounts paid to perform activity that directly furthers exempt	ot purposes of supported			
	organizations, in excess of income from activity				
3	Administrative expenses paid to accomplish exempt purpose	es of supported organization	IS		
4	Amounts paid to acquire exempt-use assets				
5	Qualified set-aside amounts (prior IRS approval required)				
6	Other distributions (describe in Part VI). See instructions				
7	Total annual distributions. Add lines 1 through 6				
8	Distributions to attentive supported organizations to which the	he organization is responsive	e		
	(provide details in Part VI). See instructions				
9	Distributable amount for 2016 from Section C, line 6				
10	Line 8 amount divided by Line 9 amount		-		
		(i)	(ii)	(iii)	
Socti	on E - Distribution Allocations (see instructions)	Excess Distributions	Underdistributions Pre-2016	Distributab Amount for 2	
Sect	on E - Distribution Allocations (see list uctions)		Pre-2010	Amount for 2	010
1	Distributable amount for 2016 from Section C, line 6				
2	Underdistributions, if any, for years prior to 2016 (reason-				
	able cause required- explain in Part VI). See instructions				
3	Excess distributions carryover, if any, to 2016:				
а					
b					
c	From 2013				
d	From 2014				
е	From 2015				
f	Total of lines 3a through e				
g	Applied to underdistributions of prior years				
h	Applied to 2016 distributable amount				
i	Carryover from 2011 not applied (see instructions)				
j	Remainder. Subtract lines 3g, 3h, and 3i from 3f.				
4	Distributions for 2016 from Section D,				
	line 7: \$				
а	Applied to underdistributions of prior years				
b	Applied to 2016 distributable amount				
с	Remainder. Subtract lines 4a and 4b from 4				
5	Remaining underdistributions for years prior to 2016, if				
	any. Subtract lines 3g and 4a from line 2. For result greater				
	than zero, explain in Part VI. See instructions				
6	Remaining underdistributions for 2016. Subtract lines 3h				
	and 4b from line 1. For result greater than zero, explain in				
	Part VI. See instructions				
7	Excess distributions carryover to 2017. Add lines 3j				
	and 4c				
8	Breakdown of line 7:				
а					
b	Excess from 2013				
С	Excess from 2014				
d	Excess from 2015				
е	Excess from 2016				

Schedule A (Form 990 or 990-EZ) 2016

632027 09-21-16

Form 990 or 990-EZ) 2016 CARY INSTI			22-3232968	Paç
Supplemental Information. Prov Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4 line 1; Part IV, Section D, lines 2 and 3; F	4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, a Part IV, Section E, lines 1c, 2a, 2	and 11c; Part IV, Sect b, 3a, and 3b; Part V,	ion B, lines 1 and 2; Part IV, Section line 1; Part V, Section B, line 1e; F	on C.
Section D, lines 5, 6, and 8; and Part V, 5 (See instructions.)	Section E, lines 2, 5, and 6. Also	complete this part fo	r any additional information.	
i			Schedule A (Form 990 or 990)-F7)

(Form 990)

 Supplemental Financial Statements

 ▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.

 ▶ Attach to Form 990.

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



	ment of the Treasury I Revenue Service	Information about Schedule D (Equ	Attach to Form 990. m 990) and its instructions is at www.ii	rs gov/form990	Open to Public Inspection
-	e of the organizat				identification number
Num	e of the organizat	CARY INSTITUTE OF ECOSYSTEM	STUDIES INC		2-3232968
Pa	t I Organiz	ations Maintaining Donor Advise	,		
		on answered "Yes" on Form 990, Part IV, lir			
	5	, , ,	(a) Donor advised funds	(b) Funds an	d other accounts
1	Total number at e	nd of year			
2		of contributions to (during year)			
3		of grants from (during year)			
4		at end of year			
5		on inform all donors and donor advisors in		sed funds	
	-	on's property, subject to the organization's	-		Yes No
6		on inform all grantees, donors, and donor a			
	•	poses and not for the benefit of the donor of			
	impermissible priv	ate benefit?		~	Yes No
Pai	t II Conserv	ration Easements. Complete if the org			
1	Purpose(s) of con	servation easements held by the organizat	ion (check all that apply).		
	Preservatio	n of land for public use (e.g., recreation or e	education) Preservation of a his	torically important la	and area
	Protection of	of natural habitat	Preservation of a cer	tified historic struct	ure
	Preservation	n of open space			
2	Complete lines 2a	through 2d if the organization held a quali	fied conservation contribution in the form	of a conservation e	easement on the last
	day of the tax yea	ır.		Held	at the End of the Tax Year
а	Total number of c	onservation easements		2a	
b	Total acreage rest	tricted by conservation easements		2b	
с	Number of conser	rvation easements on a certified historic str	ucture included in (a)	2c	
d	Number of conser	rvation easements included in (c) acquired	after 8/17/06, and not on a historic struc	ture	
	listed in the Nation	nal Register		2d	
3	Number of conser	rvation easements modified, transferred, re	leased, extinguished, or terminated by th	e organization durir	ng the tax
	year 🕨				
4		where property subject to conservation ea			
5		ation have a written policy regarding the pe			
_		forcement of the conservation easements i			Yes No
6	Staff and voluntee	er hours devoted to monitoring, inspecting,	handling of violations, and enforcing cor	servation easemen	ts during the year
_		<u> </u>			
7		ses incurred in monitoring, inspecting, hand	dling of violations, and enforcing conserva-	ation easements du	ring the year
•	►\$				
8		rvation easement reported on line 2(d) abov			
•		n)(4)(B)(ii)?			
9		be how the organization reports conservat	•		
	conservation ease	ble, the text of the footnote to the organiza		s the organization s	
Pa		ations Maintaining Collections o	f Art. Historical Treasures. or C	Other Similar A	ssets.
		f the organization answered "Yes" on Form			
1a		elected, as permitted under SFAS 116 (AS		ment and balance s	heet works of art.
	•	s, or other similar assets held for public ex	·· ·		
		tnote to its financial statements that descr		·	
b	If the organization	elected, as permitted under SFAS 116 (AS	SC 958), to report in its revenue statemer	nt and balance shee	t works of art, historical
	-	r similar assets held for public exhibition, e			
	relating to these it				C C
	(i) Revenue inclu	uded on Form 990, Part VIII, line 1		▶ \$	
				N A	
2	.,	received or held works of art, historical tre			
	-	unts required to be reported under SFAS 1			
а	Revenue included	l on Form 990, Part VIII, line 1	-	> \$	
b		n Form 990, Part X			

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990. 632051 08-29-16

Schedule D	(Form 990)	2016
------------	------------	------

26

11150503 755449 CAR001

2016.05070 CARY INSTITUTE OF ECOSYSTEM CAR001_1

Sche	dule D (Form 990) 2016 CARY INSTIT	TUTE OF ECOSYSTE	M STUDIES, INC			22-3232	968	Pa	age 2
Par	t III Organizations Maintaining C	Collections of Ar	t, Historical Tr	easures, or O	ther Sim	ilar Asse	ts(contii	nued)	
3	Using the organization's acquisition, access	on, and other record	s, check any of the	following that are	a significa	nt use of its	collectio	n item	s
	(check all that apply):								
а	Public exhibition	d	Loan or exc	hange programs					
b	Scholarly research	е	Other						
с	Preservation for future generations								
4	Provide a description of the organization's ca	ollections and explair	n how they further t	he organization's e	exempt pu	rpose in Par	t XIII.		
5	During the year, did the organization solicit of	or receive donations o	of art, historical trea	sures, or other sin	nilar assets		_		_
	to be sold to raise funds rather than to be m		0				Yes		No
Par	t IV Escrow and Custodial Arran reported an amount on Form 990, Pa		te if the organizatio	n answered "Yes"	on Form 9	90, Part IV,	line 9, oi		
1 a	Is the organization an agent, trustee, custod	ian or other intermed	iary for contributior	ns or other assets	not include	ed			
	on Form 990, Part X?						Yes	X	No
b	If "Yes," explain the arrangement in Part XIII								
							Amoun	t	
с	Beginning balance				1c	;			
d	Additions during the year				1d				
е	Distributions during the year				1e				
f	Ending balance								
2a	Did the organization include an amount on F	orm 990, Part X, line	21, for escrow or c	ustodial account li	ability?	L	Yes		No
	If "Yes," explain the arrangement in Part XIII.]
Par	t V Endowment Funds. Complete	-							
		(a) Current year	(b) Prior year	(c) Two years bac	<u>``</u>	e years back			
	Beginning of year balance	106,488,277.	113,331,191.			,201,565.	95	,414,	
	Contributions	551.	428.		-	50,487.	10		340.
	Net investment earnings, gains, and losses	15,904,143.	-1,208,318.	4,878,34	3. 17	,289,536.	12	,447,	714.
	Grants or scholarships								
е	Other expenditures for facilities	0.011.000	5 635 994	5 (55 40)			_		
_	and programs	9,311,906.	5,635,024.	5,677,10	7. 5	,412,009.	5	,660,	688.
	Administrative expenses	112 001 005	106 400 077	112 221 10	1 114	100 570	100	2.0.1	F C F
g	End of year balance	113,081,065.	106,488,277.		1. 114	,129,579.	102	,201,	505.
2	Provide the estimated percentage of the cur			a)) held as:					
	Board designated or quasi-endowment	12.60	_%						
	Permanent endowment 71.20	%							
с	Temporarily restricted endowment	16.20 %							
0-	The percentages on lines 2a, 2b, and 2c sho			and a destruitation of the					
3a	Are there endowment funds not in the posse	ession of the organiza	ation that are held a	ind administered to	or the orga	nization	1	Vaa	Na
	by:						20(1)	Yes	No X
	(i) unrelated organizations								X
h	(ii) related organizations If "Yes" on line 3a(ii), are the related organization	tions listed as requir	od on Schodulo P2				3a(ii) 3b		
ں ۸	Describe in Part XIII the intended uses of the						. 30		
Par	t VI Land, Buildings, and Equipm		which unds.						
	Complete if the organization answere		. Part IV. line 11a. S	See Form 990. Par	t X. line 10				
	Description of property	(a) Cost or ot			Accumula		(d) Boo	k value	
	Becomption of property	basis (investm	• •	•	depreciatio		(u) 200	it valut	
	Land			,601,368.			2	,601,	368.
	Buildings			,732,581.	11.28	0,697.		,451,	
	Leasehold improvements			, , ,	, ,	· ·		. ,	
	Equipment		3	,430,982.	2,90	6,158.		524.	824.
	Other			· ·		·		,	
	Add lines 1a through 1e. (Column (d) must e		X, column (B). line 1	10c.)		►	6	,578,	076.
-				,		Schedule	D (Forn	n 990)	2016

22-3232968 Page **3**

Part VII Investments - Other Securit	es
--------------------------------------	----

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	3,780,039.	END-OF-YEAR MARKET VALUE
(B) ALTERNATIVE INVESTMENTS	89,311,443.	END-OF-YEAR MARKET VALUE
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Col. (b) must equal Form 990, Part X, col. (B) line 12.)	93,091,482.	

Part VIII Investments - Program Related.

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

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (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)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 15.)	

Part X Other Liabilities.

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

1.	(a) Description of liability	(b) Book value
(1)	Federal income taxes	
(2)	ACCRUED VACATION	538,710.
(3)	POSTRETIREMENT BENEFITS	512,703.
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total.	(Column (b) must equal Form 990, Part X, col. (B) line 25.)	1,051,413.

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

Schedule D (Form 990) 2016

632053 08-29-16

Sche	dule D (Form 990) 2016 CARY INSTITUTE OF ECOSYSTEM STUDIES,	INC		22-3232	2968 Page 4
Pa	t XI Reconciliation of Revenue per Audited Financial State		Revenue per R	eturn.	
	Complete if the organization answered "Yes" on Form 990, Part IV, line	12a.			
1	Total revenue, gains, and other support per audited financial statements			1	22,365,526.
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:				
а	Net unrealized gains (losses) on investments	2a	14,747,292.		
b	Donated services and use of facilities	2b			
С	Recoveries of prior year grants	2c			
d	Other (Describe in Part XIII.)	2d	139,441.		
е	Add lines 2a through 2d			2e	14,886,733.
3	Subtract line 2e from line 1			3	7,478,793.
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1:				
а	Investment expenses not included on Form 990, Part VIII, line 7b	4a	778,954.		
b	Other (Describe in Part XIII.)	4b			
	Add lines 4a and 4b			4c	778,954.
5	Total revenue. Add lines 3 and 4c. (<i>This must equal Form 990, Part I, line 12.</i>)			5	8,257,747.
Pa	t XII Reconciliation of Expenses per Audited Financial State	ements With	n Expenses per	Return	ı.
	Complete if the organization answered "Yes" on Form 990, Part IV, line	12a.			
1	Total expenses and losses per audited financial statements			1	12,391,896.
2	Amounts included on line 1 but not on Form 990, Part IX, line 25:				
а	Donated services and use of facilities	2a			
b	Prior year adjustments				
с	Other losses				
d			139,441.		
е	Add lines 2a through 2d			2e	139,441.
3	Subtract line 2e from line 1			3	12,252,455.
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:				
а	Investment expenses not included on Form 990, Part VIII, line 7b	4a	778,954.		
	Other (Describe in Part XIII.)				
	Add lines 4a and 4b			4c	778,954.
	Total expenses. Add lines 3 and 4c. (This must equal Form 990, Part I, line 18.)			5	13,031,409.
	t XIII Supplemental Information.				, ,
	de the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; 2d and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any			4; Part X,	line 2; Part XI,
PART	V, LINE 4:				
THE	INCOME FROM THE ENDOWMENT FUNDS HAS A VARIETY OF PURPOSES T	O HELP			
DEFF	AY THE COSTS OF SCIENTIFIC EDUCATION AND RESEARCH PROGRAMS,	INCLUDING			
CONS	ERVATION, MAINTENANCE, AND PRESERVATION OF THE GROUNDS.				

PART XI, LINE 2D - OTHER ADJUSTMENTS: FUNDRAISING EXPENSES NETTED AGAINST FUNDRAISING INCOME 32,681. INTERNAL ENDOWMENT TRANSFER 106,760. TOTAL TO SCHEDULE D, PART XI, LINE 2D 139,441. PART XII, LINE 2D - OTHER ADJUSTMENTS: FUNDRAISING EXPENSES NETTED AGAINST FUNDRAISING INCOME 32,681. 632054 08-29-16 32,681. PART XII Schedule D (Form 990) 2016 29 11150503 755449 CAR001 2016.05070 CARY INSTITUTE OF ECOSYSTEM CAR001_1

Schedule D (Form 990) 2016 CARY INSTITUTE OF ECOSYSTEM STUDIES, INC 22-3232968 Part XIII Supplemental Information (continued) 106,760. INTERNAL ENDOWMENT TRANSFER 106,760. TOTAL TO SCHEDULE D, PART XII, LINE 2D 139,441.	
TOTAL TO SCHEDULE D, FART XII, LINE 2D 139,441.	
Schedule D (Fo	
632055 08-29-16 30	rm 990) 201

2016.05070 CARY INSTITUTE OF ECOSYSTEM CAR001_1

SCHEDULE F (Form 990)			ivities Outside the Un n answered "Yes" on Form 990, Part			OMB No. 1545-0047
		J	Attach to Form 990.	,,		Open to Public
Department of the Treasury Internal Revenue Service	Information ab	out Schedule F	(Form 990) and its instructions is at 1	www.irs.gov/f	orm990.	Inspection
Name of the organization					Employer ider	ntification number
CARY INSTITUTE OF ECOS		,			22-3232968	
		Activities Ou	tside the United States. Comple	te if the orgar	nization answered	d "Yes" on
Form 990, Part IV	,	n maintain recor	ds to substantiate the amount of its gra	ints and other	assistance.	
=	-		the selection criteria used to award the			Yes No
2 For grantmakers. Desc United States.	ribe in Part V the	e organization's	procedures for monitoring the use of its	s grants and o	ther assistance of	outside the
3 Activities per Region. (T	he following Par	t I, line 3 table c	an be duplicated if additional space is r	eeded.)		
(a) Region	(b) Number of	(c) Number of employees,	.,		vity listed in (d)	(f) Total expenditures
	offices in the region	agents, and independent	(by type) (such as, fundraising, pro- gram services, investments, grants to	•	gram service, e specific type	for and
	in the region	contractors	recipients located in the region)		(s) in the region	investments in the region
CENTRAL AMERICA AND		in the region				
THE CARIBBEAN -						
ANTIGUA & BARBUDA,						
ARUBA, BAHAMAS	0	0	INVESTMENTS			37,606,973.
EUROPE (INCLUDING						
ICELAND & GREENLAND)						
- ALBANIA, ANDORRA,						
AUSTRIA, BELGIUM	0	0	INVESTMENTS			13,721,863.
0 - 0h +-+-!	^	0				51 220 020
3 a Sub-total	0	0				51,328,836.
b Total from continuation sheets to Part I	n .	0				0.
c Totals (add lines 3a	Ľ – – – – – – – – – – – – – – – – – – –	, , , , , , , , , , , , , , , , , , ,				0.
and 3b)	0	0				51,328,836.

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

Schedule F (Form 990) 2016

OMB No. 1545-0047

632071 09-21-16

31 2016.05070 CARY INSTITUTE OF ECOSYSTEM CAR001_1

22-3232968

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)
			I recognized as charities by the					<u> </u>
	the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter							

22-3232968

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)

Schedule F (Form 990) 2016

Page 3

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)	X Yes	No No
2	Did the organization have an interest in a foreign trust during the tax year? <i>If</i> "Yes," <i>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; do not file with Form 990)</i>	Yes	X 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)	X Yes	No 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	X 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)	X Yes	No 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; do not file with Form 990)	Yes	X No

Schedule F (Form 990) 2016

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.

SCHEDULE G Supplemental Information Regarding Fundraising or Gaming Activities							OMB No. 1545-0047	
(Form 990 or 990-EZ) Complete if th		2016						
Department of the Treasury Internal Revenue Service		Open to Public						
Information about Schedule G (Form 990 or 990-EZ) and its instructions is at WWW.I/s.gov/torm990.							Inspection lentification number	
-	TUTE OF ECOSYSTEM STUDIES,	INC				22-323296		
Part I Fundraising Activities required to complete this part	Complete if the organization answe	ered "Y	'es" oi	n Form 990, Part IV,	line 1	17. Form 990-	EZ filers are not	
Indicate whether the organization rai		ng acti	vities.	Check all that apply				
a Mail solicitations	e Solicita	tion of	non-g	overnment grants				
b Internet and email solicitation: c Phone solicitations	s f └── Solicita g └── Special			nment grants events				
d In-person solicitations	9 0poold.							
2 a Did the organization have a written	or oral agreement with any individual Part VII) or entity in connection with p						es 🗌 No	
b If "Yes," list the 10 highest paid indi				-				
compensated at least \$5,000 by the	e organization.							
(i) Name and address of individual		(iii) fundr	Did aiser	(iv) Gross receipts		Amount paid or retained by	A I (VI) Amount paid	
or entity (fundraiser)	(ii) Activity	have c or con contrib	ustody trol of	from activity	`	fundraiser sted in col. (i)	⁾ to (or retained by) organization	
		Yes	No					
T-1-1								
Total 3 List all states in which the organization	on is registered or licensed to solicit		outions	l s or has been notified	l d it is	exempt from	registration	
or licensing.	-					•		
LHA For Paperwork Reduction Act Not	ting and the location of a France	000 ar	000	=7 0	Scho	dule G (Eorm	990 or 990-EZ) 2016	

632081 09-12-16

		of fundraising event contributions and gro	oss income on Form 990	-EZ, lines 1 and 6b. List	events with gross receip	ots greater than \$5,000.		
			(a) Event #1	(b) Event #2	(c) Other events NONE	(d) Total events		
	E E		FALL LUNCH	SPRING LUNCH		(add col. (a) through col. (c))		
er			(event type)	(event type)	(total number)			
Revenue	1	Gross receipts	25,150.	40,850.		66,000.		
	2	Less: Contributions	6,050.	9,000.		15,050.		
	3	Gross income (line 1 minus line 2)	19,100.	31,850.		50,950.		
	4	Cash prizes						
es	5	Noncash prizes						
Expens	6	Rent/facility costs						
Direct Expenses	7	Food and beverages						
	8	Entertainment						
	9	Other direct expenses		15,812.		32,681.		
	10	Direct expense summary. Add lines 4 through	►	32,681. 18,269.				
	11 Net income summary. Subtract line 10 from line 3, column (d) Part III Gaming. Complete if the organization answered "Yes" on Form 990, Part IV, line 19, or reported more than							
Гd		\$15,000 on Form 990-EZ, line 6a.	answered "Yes" on Form	1990, Part IV, line 19, or	reported more than			
		\$13,000 011 0111 990-LZ, line ba.		(b) Pull tabs/instant		(d) Total gaming (add		
Revenue			(a) Bingo	bingo/progressive bingo	(c) Other gaming	col. (a) through col. (c))		
Re	1	Gross revenue						
ses	2	Cash prizes						
Direct Expenses	3	Noncash prizes						
Direc.	4	Rent/facility costs						
	5	Other direct expenses						
			Yes %	└── Yes %	Yes %			
	6	Volunteer labor	Νο	No	Νο			
	7	Direct expense summary. Add lines 2 through	ז 5 in column (d)		►			
	8	Net gaming income summary. Subtract line 7	from line 1 column (d)		•			
	0	Net gaming income summary. Subtract line 7						
		ter the state(s) in which the organization condu	· · · _					
		the organization licensed to conduct gaming a No," explain:				Yes No		
		ere any of the organization's gaming licenses re Yes," explain:			year?	Yes No		
63208	32 09	9-12-16			Schedule G (For	rm 990 or 990-EZ) 2016		

Part II Fundraising Events. Complete if the organization answered "Yes" on Form 990, Part IV, line 18, or reported more than \$15,000

Schedule G (Form 990 or 990-EZ) 2016 CARY INSTITUTE OF ECOSYSTEM STUDIES, INC

37

22-3232968

Page **2**

Sch	edule G (Form 990 or 990-EZ) 2016 CARY INSTITUTE OF ECOSYSTEM STUDIES, INC 2	2-3232968	Page 3
	Does the organization conduct gaming activities with nonmembers?	Yes	
	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:		
а	The organization's facility	13a	%
	An outside facility		%
	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 No
b	If "Yes," enter the amount of gaming revenue received by the organization ▶ \$ and the amount	nt	
	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:		
	Is the organization required under state law to make charitable distributions from the gaming proceeds to		
	retain the state gaming license?	Yes	No No
b	Enter the amount of distributions required under state law to be distributed to other exempt organizations or spent in		
	organization's own exempt activities during the tax year > \$		
Pa	t IV Supplemental Information. Provide the explanations required by Part I, line 2b, columns (iii) and (v); and Pa	rt III, lines 9, 9b,	10b, 15b,
	15c, 16, and 17b, as applicable. Also provide any additional information. See instructions		
6320		(Form 990 or 99	90-EZ) 2016
	38		

2016.05070 CARY INSTITUTE OF ECOSYSTEM CAR001_1

	Schedule G (Form 990 or 990-EZ)
632084)4-01-16	39

SCHEDULE I (Form 990) Department of the Treasury Internal Revenue Service		GO Comple	irants and Oth vernments, an ete if the organizatio on about Schedule I	nd Individua n answered "Yes" Attach to For	ls in the Ŭn i ' on Form 990, Pa m 990.	ited States Int IV, line 21 or 22.	0	OMB No. 1545-0047 2016 Open to Public Inspection
Name of the organization	on							Employer identification number
		E OF ECOSYSTEM	STUDIES, INC					22-3232968
Part I General In	formation on Grants a	Ind Assistance						
criteria used to a	ation maintain records ward the grants or assi	stance?	-					ction X Yes No
	V the organization's pro						/ II = 000 E	
	d Other Assistance to	-				anization answered "	es" on Form 990, Par	t IV, line 21, for any
	at received more than dress of organization		(c) IRC section	(d) Amount of	(e) Amount of	(f) Method of	(g) Description of	(h) Purpose of grant
	ernment	(b) EIN	(if applicable)	cash grant	non-cash assistance	valuation (book, FMV, appraisal, other)	noncash assistance	
2 Enter total number	er of section 501(c)(3) a	Ind government or	ganizations listed in th	le line 1 table				
3 Enter total number	er of other organization	s listed in the line ⁻	1 table					
LHA For Paperwork	Reduction Act Notice	, see the Instruct	ions for Form 990.					Schedule I (Form 990) (2016)

Page 2

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	52	98,270.	0.		
		,			
Part IV Supplemental Information. Provide the information red	quired in Part I, lir	ne 2; Part III, column	(b); and any other a	dditional 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. THE	RE ARE TWO GR	OUPS			
RECEIVING STIPENDS, STUDENTS AND TEACHERS/FELLOWS.	STUDENTS RE	CEIVE A			
LETTER OF APPOINTMENT NOTIFYING THEM THEY ARE ELIG	IBLE FOR A ST	IPEND 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

Schedule I (Form 990)

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.

Schedule I (Form 990)

632291 04-01-16

SC		Compensation Information	1	OMB No.	1545-00	47
(Fo	rm 990) For certain Officers, Directors, Trustees, Key Employees, and Highest			2016		
		Compensated Employees Complete if the organization answered "Yes" on Form 990, Part IV, line 23.		LU	IU	,
Depa	tment of the Treasury	Attach to Form 990.		Open to		
_	al Revenue Service	Information about Schedule J (Form 990) and its instructions is at www.irs.gov/for		Inspe		
Nam	e of the organizatior		Employer ide		on nu	mber
Do	rt I Question	CARY INSTITUTE OF ECOSYSTEM STUDIES, INC s Regarding Compensation	22-32329	968		
Fd		s Regarding Compensation			V	
10	Chack the appropri	ate hav (as) if the arganization provided any of the following to at far a person listed on Form	000		Yes	No
Ia		ate box(es) if the organization provided any of the following to or for a person listed on Form line 1a. Complete Part III to provide any relevant information regarding these items.	990,			
	First-class or c		naluso			
	Travel for com					
		ation and gross-up payments I Health or social club dues or initiation fees				
		spending account Personal services (such as, maid, chauffer				
h	If any of the boxes	on line 1a are checked, did the organization follow a written policy regarding payment or				
	•	rovision of all of the expenses described above? If "No," complete Part III to explain		1b		
2		require substantiation prior to reimbursing or allowing expenses incurred by all directors,		. 10		
-		rs, including the CEO/Executive Director, regarding the items checked on line 1a?		2		
	tractoco, and onico					
3	Indicate which, if an	ny, of the following the filing organization used to establish the compensation of the organiza	ation's			
		ctor. Check all that apply. Do not check any boxes for methods used by a related organizati				
		ation of the CEO/Executive Director, but explain in Part III.				
	X Compensation					
		compensation consultant Compensation survey or study				
	X Form 990 of ot		ommittee			
		5 — H , H				
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 rel					
а	Receive a severance	e payment or change-of-control payment?		4a		х
b	Participate in, or rec	ceive payment from, a supplemental nonqualified retirement plan?				Х
с		ceive payment from, an equity-based compensation arrangement?				Х
		nes 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 of	on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensatio	วท			
	contingent on the re	evenues of:				
а	The organization?			. 5a		x
b	Any related organiz	ation?		. 5b		х
	If "Yes" on line 5a o	r 5b, describe in Part III.				
6	For persons listed of	on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation	วท			
	contingent on the n					
а	The organization?			. 6a		X
b	Any related organiz	ation?		. 6b		X
		r 6b, describe in Part III.				
7	•	on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments				
		nes 5 and 6? If "Yes," describe in Part III		. 7		X
8	•	reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the				
		ption described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III		. 8		X
9		id the organization also follow the rebuttable presumption procedure described in				
		1 53.4958-6(c)?		. 9		
LHA	For Paperwork Re	eduction Act Notice, see the Instructions for Form 990.	Schedule	e J (Forr	n 990)) 2016

Schedule J (Form 990) 2016

22-3232968

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.

	(B) Breakdown of	W-2 and/or 1099-MI	SC compensation	(C) Retirement and other deferred	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B)	
(A) Name and Title	(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation	compensation	Denents	(b)(i) ⁻ (D)	reported as deferred on prior Form 990	
(1) JOSHUA GINSBERG	(i)	278,904.	0.	0.	31,800.	19,893.	330,597.	0.
PRESIDENT	(ii)	0.	0.	0.	0.	0.	0.	0.
(2) HOLLY A TALBOT	(i)	154,959.	0.	0.	19,476.	19,701.	194,136.	0.
DIRECTOR OF ADMIN./COMPTRO	(ii)	0.	0.	0.	0.	0.	0.	0.
(3) DR. STEWARD T.A. PICKETT	(i)	170,678.	0.	0.	20,692.	7,060.	198,430.	0.
DISTINGUISHED SENIOR SCIEN	(ii)	0.	0.	0.	0.	0.	0.	0.
(4) DR. RICHARD S. OSTFELD	(i)	154,493.	0.	0.	18,749.	18,861.	192,103.	0.
SENIOR SCIENTIST	(ii)	0.	0.	0.	٥.	0.	0.	0.
(5) DR. GARY M. LOVETT	(i)	139,911.	0.	0.	17,042.	11,525.	168,478.	0.
SENIOR SCIENTIST	(ii)	0.	0.	0.	0.	0.	0.	0.
(6) STUART FINDLAY	(i)	130,630.	0.	0.	16,043.	9,804.	156,477.	0.
SENIOR SCIENTIST	(ii)	0.	0.	0.	0.	0.	0.	0.
(7) KATHLEEN C. WEATHERS	(i)	140,686.	0.	0.	16,853.	7,060.	164,599.	0.
SENIOR SCIENTIST	(ii)	Ο.	0.	0.	0.	Ο.	0.	0.
	(i)							
	(ii)							
	(i)							
	(ii)							
	(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.

632113 09-09-16

SCHEDULE O (Form 990 or 990-EZ)	Supplemental Information to Form 990 or 990 Complete to provide information for responses to specific questions on Form 990 or 990-EZ or to provide any additional information.)-EZ	OMB No. 1545-0047
Department of the Treasury	Attach to Form 990 or 990-EZ.	/form000	Open to Public
Internal Revenue Service Name of the organization	► Information about Schedule O (Form 990 or 990-EZ) and its instructions is at WWW.irs.gov. CARY INSTITUTE OF ECOSYSTEM STUDIES, INC		Inspection identification number 2968
FORM 990, PART III,	LINE 4D, OTHER PROGRAM SERVICES:		
GROUNDS, AUXILIARY	AND LIBRARY - MAINTENANCE OF THE 2,000 ACRE CAMPUS		
USED FOR RESEARCH,	EDUCATION AND OUTREACH, HOUSING FOR VISITING		
SCIENTISTS AND STAF	F AND A 10,000 VOLUME LIBRARY THAT INCLUDES WEB OF		
SCIENCE AND ECOLOGY	REFERENCE SERVICES.		
EXPENSES \$ 973,122.	INCLUDING GRANTS OF \$ 0. REVENUE \$ 129,205.		
FORM 990, PART VI,	SECTION A, LINE 1:		
THE EXECUTIVE COMMI	TTEE SHALL HAVE THE AUTHORITY TO ACT ON BEHALF OF THE		
BOARD ON MATTERS TH	AT ARISE BETWEEN SCHEDULED BOARD MEETINGS WHEN IT IS NOT		
PRACTICAL OR FEASIE	LE FOR THE BOARD TO MEET, TO THE EXTENT PERMITTED BY		
LAW, THE CERTIFICAT	E OF INCORPORATION AND THE BY-LAWS, BUT SOLELY IF SUCH		
ACTIONS WOULD NOT E	E SUFFICIENTLY MATERIAL TO REQUIRE ATTENTION BY THE FULL		
BOARD OR PROMPT ACT	ION IS REQUIRED IN THE INTEREST OF THE CARY.		
FORM 990, PART VI,	SECTION A, LINE 7A:		
THE NEW YORK BOTANI	CAL GARDEN HAS THE ABILITY TO APPOINT UP TO THREE		
TRUSTEES TO THE BOA	RD.		
FORM 990, PART VI,	SECTION B, LINE 11B:		
	UBMITTED TO THE AUDIT COMMITTEE FOR REVIEW PRIOR TO IT		
BEING FILED, AND WA	S ALSO PROVIDED TO THE BOARD MEMBERS AND ACCEPTED BY A		
VOTE OF THE FULL BC	ARD OF TRUSTEES.		
FORM 990, PART VI,	SECTION B, LINE 12C:		
	FICERS, ALL DISCLOSURES ARE REVIEWED BY THE AUDIT		
LHA For Paperwork Re 632211 08-25-16	duction Act Notice, see the Instructions for Form 990 or 990-EZ. Sche	dule O (Forr	n 990 or 990-EZ) (2016)

46 2016.05070 CARY INSTITUTE OF ECOSYSTEM CAR001_1

Schedule O (Form 990 or 990-EZ) (2016)	Page 2
Name of the organization CARY INSTITUTE OF ECOSYSTEM STUDIES, INC	Employer identification number 22-3232968
	·
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	
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.	
632212 08-25-16 S	Schedule O (Form 990 or 990-EZ) (2016)

11150503 755449 CAR001 2016.05070 CARY INSTITUTE OF ECOSYSTEM CAR001_1