

Return of Organization Exempt From Income Tax
Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)
▶ Do not enter social security numbers on this form as it may be made public.
▶ Go to www.irs.gov/Form990 for instructions and the latest information.



A For the **2019** calendar year, or tax year beginning and ending

B Check if applicable: Address change <input checked="" type="checkbox"/> Name change Initial return Final return/terminated Amended return Application pending	C Name of organization AGRICULTURE & FOOD SYSTEMS INSTITUTE		D Employer identification number 52-1323610
	Doing business as		E Telephone number (202) 204-0482
	Number and street (or P.O. box if mail is not delivered to street address)	Room/suite	G Gross receipts \$ 2,594,293.
	740 15TH STREET NW	600	
City or town, state or province, country, and ZIP or foreign postal code WASHINGTON, DC 20005		H(a) Is this a group return for subordinates? Yes <input checked="" type="checkbox"/> No	
F Name and address of principal officer: MORVEN MCLEAN SAME AS C ABOVE		H(b) Are all subordinates included? Yes No	
I Tax-exempt status: <input checked="" type="checkbox"/> 501(c)(3) 501(c) () ◀ (insert no.) 4947(a)(1) or 527		If "No," attach a list. (see instructions)	
J Website: ▶ WWW.FOODSYSTEMS.ORG		H(c) Group exemption number ▶	
K Form of organization: <input checked="" type="checkbox"/> Corporation Trust Association Other ▶		L Year of formation: 1984	M State of legal domicile: DC

Part I Summary			
Activities & Governance	1 Briefly describe the organization's mission or most significant activities: SEE SCHEDULE O		
	2 Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets.		
	3 Number of voting members of the governing body (Part VI, line 1a)	3	9
	4 Number of independent voting members of the governing body (Part VI, line 1b)	4	9
	5 Total number of individuals employed in calendar year 2019 (Part V, line 2a)	5	7
	6 Total number of volunteers (estimate if necessary)	6	100
	7 a Total unrelated business revenue from Part VIII, column (C), line 12	7a	0.
b Net unrelated business taxable income from Form 990-T, line 39	7b	0.	
Revenue	8 Contributions and grants (Part VIII, line 1h)	Prior Year 1,602,302.	Current Year 1,893,211.
	9 Program service revenue (Part VIII, line 2g)	47,601.	3,071.
	10 Investment income (Part VIII, column (A), lines 3, 4, and 7d)	319,646.	482,491.
	11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	0.	0.
	12 Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12)	1,969,549.	2,378,773.
Expenses	13 Grants and similar amounts paid (Part IX, column (A), lines 1-3)	9,468.	104,260.
	14 Benefits paid to or for members (Part IX, column (A), line 4)	0.	0.
	15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	976,843.	1,047,990.
	16a Professional fundraising fees (Part IX, column (A), line 11e)	0.	0.
	b Total fundraising expenses (Part IX, column (D), line 25) ▶ 62,395.		
	17 Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	1,279,601.	1,364,548.
18 Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)	2,265,912.	2,516,798.	
19 Revenue less expenses. Subtract line 18 from line 12	-296,363.	-138,025.	
Net Assets or Fund Balances	20 Total assets (Part X, line 16)	Beginning of Current Year 11,189,772.	End of Year 12,598,349.
	21 Total liabilities (Part X, line 26)	723,761.	1,027,810.
	22 Net assets or fund balances. Subtract line 21 from line 20	10,466,011.	11,570,539.

Part II Signature Block

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

Sign Here		11/9/2020			
	Signature of officer	Date			
	MORVEN MCLEAN, CEO				
	Type or print name and title				
Paid Preparer Use Only	Print/Type preparer's name J. CALVIN MARKS	Preparer's signature 	Date 11/9/2020	Check if self-employed <input type="checkbox"/>	PTIN P01226973
	Firm's name ▶ JOHNSON LAMBERT LLP	Firm's EIN ▶ 52-1446779		Phone no. 919-719-6400	
	Firm's address ▶ 4242 SIX FORKS ROAD, SUITE 1500 RALEIGH, NC 27609				

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

Application for Automatic Extension of Time To File an Exempt Organization Return

Department of the Treasury
Internal Revenue Service

▶ **File a separate application for each return.**
▶ **Go to www.irs.gov/Form8868 for the latest information.**

Electronic filing (e-file). You can electronically file Form 8868 to request a 6-month automatic extension of time to file any of the forms listed below with the exception of Form 8870, Information Return for Transfers Associated With Certain Personal Benefit Contracts, for which an extension request must be sent to the IRS in paper format (see instructions). For more details on the electronic filing of this form, visit www.irs.gov/e-file-providers/e-file-for-charities-and-non-profits.

Automatic 6-Month Extension of Time. Only submit original (no copies needed).

All corporations required to file an income tax return other than Form 990-T (including 1120-C filers), partnerships, REMICs, and trusts must use Form 7004 to request an extension of time to file income tax returns.

Type or print	Name of exempt organization or other filer, see instructions. ILSI RESEARCH FOUNDATION	Taxpayer identification number (TIN) 52-1323610
File by the due date for filing your return. See instructions.	Number, street, and room or suite no. If a P.O. box, see instructions. 740 15TH STREET NW, NO. 600	
	City, town or post office, state, and ZIP code. For a foreign address, see instructions. WASHINGTON, DC 20005	

Enter the Return Code for the return that this application is for (file a separate application for each return) 0 | 1

Application Is For	Return Code	Application Is For	Return Code
Form 990 or Form 990-EZ	01	Form 990-T (corporation)	07
Form 990-BL	02	Form 1041-A	08
Form 4720 (individual)	03	Form 4720 (other than individual)	09
Form 990-PF	04	Form 5227	10
Form 990-T (sec. 401(a) or 408(a) trust)	05	Form 6069	11
Form 990-T (trust other than above)	06	Form 8870	12

BETH-ELLEN BERRY

- The books are in the care of ▶ **740 15TH STREET NW, NO. 600 - WASHINGTON, DC 20005**
Telephone No. ▶ **(202) 659-3306** Fax No. ▶ _____
- If the organization does not have an office or place of business in the United States, check this box
- If this is for a Group Return, enter the organization's four digit Group Exemption Number (GEN) _____. If this is for the whole group, check this box . If it is for part of the group, check this box and attach a list with the names and TINs of all members the extension is for.

1 I request an automatic 6-month extension of time until **NOVEMBER 16, 2020**, to file the exempt organization return for the organization named above. The extension is for the organization's return for:
▶ calendar year **2019** or
▶ tax year beginning _____, and ending _____.

2 If the tax year entered in line 1 is for less than 12 months, check reason: Initial return Final return
 Change in accounting period

3a If this application is for Forms 990-BL, 990-PF, 990-T, 4720, or 6069, enter the tentative tax, less any nonrefundable credits. See instructions.	3a	\$	0.
b If this application is for Forms 990-PF, 990-T, 4720, or 6069, enter any refundable credits and estimated tax payments made. Include any prior year overpayment allowed as a credit.	3b	\$	0.
c Balance due. Subtract line 3b from line 3a. Include your payment with this form, if required, by using EFTPS (Electronic Federal Tax Payment System). See instructions.	3c	\$	0.

Caution: If you are going to make an electronic funds withdrawal (direct debit) with this Form 8868, see Form 8453-EO and Form 8879-EO for payment instructions.

Part III Statement of Program Service Accomplishments

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

1 Briefly describe the organization's mission: THE AGRICULTURE & FOOD SYSTEMS INSTITUTE (AFSI) IS A NON-PROFIT ORGANIZATION THAT ADVANCES AND DISSEMINATES SCIENCE FOR PUBLIC BENEFIT. OUR MISSION IS TO ACHIEVE SAFE AND SUSTAINABLE AGRI-FOOD SYSTEMS BY PROVIDING THOUGHT LEADERSHIP AND CREATING A COLLABORATIVE

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? [] Yes [X] No If "Yes," describe these new services on Schedule O.

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? [] Yes [X] No If "Yes," describe these changes on Schedule O.

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

4a (Code:) (Expenses \$ 1,320,452. including grants of \$ 53,600.) (Revenue \$ 548.) BIOTECHNOLOGY: THE AGRICULTURE & FOOD SYSTEMS INSTITUTE SUPPORTS ANALYTICAL SCIENCE TO ENHANCE FRAMEWORKS FOR ENVIRONMENTAL AND FOOD SAFETY ASSESSMENT OF PRODUCTS OF BIOTECHNOLOGY AND OTHER EMERGING TECHNOLOGIES, AND ALSO PROVIDES TECHNICAL TRAINING TO SCIENTISTS, RISK ASSESSORS, AND OTHER INTERESTED STAKEHOLDERS ON TOPICS RELEVANT TO FOOD SYSTEMS, AGRICULTURAL SUSTAINABILITY, AND NUTRITION AND FOOD SECURITY; WORKSHOPS, CONFERENCES AND SYMPOSIA: PLANT BIOLOGICALS NETWORK SYMPOSIUM 2019 COPENHAGEN, DENMARK NOVEMBER 13, 2019 - NOVEMBER 14, 2019; 4TH INTERNATIONAL CONFERENCE OF BIOTECHNOLOGY ON HEALTH AND AGRICULTURE DHAKA, BANGLADESH NOVEMBER 11, 2019 - NOVEMBER 13, 2019; SYMPOSIUM ON RISK ASSESSMENT OF PLANTS DEVELOPED USING NEW BREEDING TECHNOLOGIES MANILA, THE PHILIPPINES OCTOBER 8, 2019 - OCTOBER 9, 2019;

4b (Code:) (Expenses \$ 125,942. including grants of \$) (Revenue \$) NUTRITION: THE AGRICULTURE & FOOD SYSTEMS INSTITUTE IS UNDERTAKING RESEARCH THAT SEEKS TO ENHANCE THE PRODUCTIVITY, RESILIENCE, AND SUSTAINABILITY OF FRUIT AND VEGETABLE SUPPLY CHAINS BY USING INTEGRATED (CROP, ECONOMIC, AND ENVIRONMENTAL) MODELING TO IDENTIFY AND TEST ADAPTATION AND MITIGATION STRATEGIES FOR THESE SYSTEMS. THE AGRICULTURE & FOOD SYSTEMS INSTITUTE IS ALSO COMMITTED TO IMPROVING NUTRITION AND HEALTH THROUGH CROSS-DISCIPLINARY RESEARCH, WITH A PARTICULAR FOCUS ON IMPROVING THE ACCESSIBILITY OF FOOD COMPOSITION AND DIETARY INTAKE DATA, OPEN DATA, AND METHODS HARMONIZATION.

4c (Code:) (Expenses \$ 58,967. including grants of \$) (Revenue \$) DATABASES AND RESOURCES: THE AGRICULTURE & FOOD SYSTEMS INSTITUTE MAINTAINS SEVERAL DATABASES THAT PROVIDE FREE, OPEN ACCESS, UNIQUE SCIENTIFIC INFORMATION TO THE PUBLIC. THE DATABASES ARE RELATED TO THE THE AGRICULTURE & FOOD SYSTEMS INSTITUTE'S WORK ON BIOSAFETY, ENVIRONMENTAL RISK ASSESSMENT, FOOD SAFETY AND NUTRITION. THE THE AGRICULTURE & FOOD SYSTEMS INSTITUTE HAS DEVELOPED ELEARNING COURSES TO DELIVER TRAINING IN AN ACCESSIBLE, INTERACTIVE FORMAT. THIS OPEN RESOURCE IS AVAILABLE TO REGULATORY AGENCIES, THE PRIVATE SECTOR, AND ACADEMICS. AIMED AT SUPPORTING OUR CAPACITY BUILDING AND TRAINING EFFORTS, THEY ARE OFFERED FREE OF CHARGE. WORKSHOP: CROP COMPOSITION AS A COMPONENT OF FOOD AND FEED SAFETY ASSESSMENT AND HANDS ON WITH THE CROP COMPOSITION DATABASE TARRAGONA, SPAIN APRIL 2, 2019

4d Other program services (Describe on Schedule O.) (Expenses \$ 154,951. including grants of \$ 50,660.) (Revenue \$ 2,523.)

4e Total program service expenses 1,660,312.

Part IV Checklist of Required Schedules

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? <i>If "Yes," complete Schedule A</i>	X	
2 Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> ?	X	
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 "Yes," complete Schedule C, Part I</i>		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? <i>If "Yes," complete Schedule C, Part II</i>		X
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? <i>If "Yes," complete Schedule C, Part III</i>		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? <i>If "Yes," complete Schedule D, Part I</i>		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? <i>If "Yes," complete Schedule D, Part II</i>		X
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>		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? <i>If "Yes," complete Schedule D, Part IV</i>		X
10 Did the organization, directly or through a related organization, hold assets in donor-restricted endowments or in quasi endowments? <i>If "Yes," complete Schedule D, Part V</i>		X
11 If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable.		
a Did the organization report an amount for land, buildings, and equipment in Part X, line 10? <i>If "Yes," complete Schedule D, Part VI</i>	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 assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VII</i>		X
c Did the organization report an amount for investments - program related in Part X, line 13, that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VIII</i>		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? <i>If "Yes," complete Schedule D, Part IX</i>		X
e Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X</i>	X	
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)? <i>If "Yes," complete Schedule D, Part X</i>	X	
12a Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI and XII</i>	X	
b Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional</i>		X
13 Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E</i>		X
14a Did the organization maintain an office, employees, or agents outside of the United States?		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? <i>If "Yes," complete Schedule F, Parts I and IV</i>	X	
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? <i>If "Yes," complete Schedule F, Parts II and IV</i>	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? <i>If "Yes," complete Schedule F, Parts III and IV</i>		X
17 Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? <i>If "Yes," complete Schedule G, Part I</i>		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 "Yes," complete Schedule G, Part II</i>		X
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III</i>		X
20a Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>		X
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
21 Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>	X	

Part IV Checklist of Required Schedules (continued)

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

Part V Statements Regarding Other IRS Filings and Tax Compliance

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

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

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

Table with columns for question number, question text, and Yes/No response boxes. Includes questions 2a through 16 regarding employee counts, tax returns, unrelated business income, foreign accounts, prohibited transactions, and charitable contributions.

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

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

Section A. Governing Body and Management

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

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

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

Section C. Disclosure

- 17** List the states with which a copy of this Form 990 is required to be filed **▶ DC**
- 18** Section 6104 requires an organization to make its Forms 1023 (1024 or 1024-A, if applicable), 990, and 990-T (Section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply.
 Own website Another's website Upon request Other (explain on Schedule O)
- 19** Describe on Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.
- 20** State the name, address, and telephone number of the person who possesses the organization's books and records **▶**
BETH-ELLEN BERRY - (202) 659-0502
740 15TH STREET NW, NO. 600, WASHINGTON, DC 20005

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

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

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

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

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

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

(A) Name and title	(B) Average hours per week (list any hours for related organizations below line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(1) DR. MORVEN MCLEAN CHIEF EXECUTIVE OFFICER	40.00			X			251,200.	0.	59,203.	
(2) DR. ANDREW ROBERTS VICE PRESIDENT, BIOTECHNOLOGY	40.00				X		177,555.	0.	35,865.	
(3) MS. BETH-ELLEN BERRY CHIEF FINANCIAL OFFICER	10.00			X			0.	0.	0.	
(4) DR. ADAM DREWNOWSKI CHAIR	2.00	X		X			0.	0.	0.	
(5) DR. JERRY HJELLE VICE CHAIR	2.00	X		X			0.	0.	0.	
(6) DR. TAKESHI KIMURA SECRETARY (TO JAN '19)	2.00	X		X			0.	0.	0.	
(7) DR. SUE MEEK SECRETARY	2.00	X		X			0.	0.	0.	
(8) DR. JOSETTE LEWIS TREASURER	2.00	X		X			0.	0.	0.	
(9) DR. PEDRO ARRAES TRUSTEE	2.00	X					0.	0.	0.	
(10) DR. LYNN FREWER TRUSTEE	2.00	X					0.	0.	0.	
(11) DR. MARGARET JAHN TRUSTEE (TO JULY '19)	2.00	X					0.	0.	0.	
(12) DR. RONALD E. KLEINMAN TRUSTEE	2.00	X					0.	0.	0.	
(13) DR. EIJA PEHU TRUSTEE	2.00	X					0.	0.	0.	
(14) DR. MARK ROSEGRANT TRUSTEE	2.00	X					0.	0.	0.	

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

(A) Name and title	(B) Average hours per week (list any hours for related organizations below line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
1b Subtotal							428,755.	0.	95,068.	
c Total from continuation sheets to Part VII, Section A							0.	0.	0.	
d Total (add lines 1b and 1c)							428,755.	0.	95,068.	

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

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

Section B. Independent Contractors

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

(A) Name and business address	(B) Description of services	(C) Compensation
NONE		

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization **0**

Part VIII Statement of Revenue

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

				(A)	(B)	(C)	(D)	
				Total revenue	Related or exempt function revenue	Unrelated business revenue	Revenue excluded from tax under sections 512 - 514	
Contributions, Gifts, Grants and Other Similar Amounts	1 a Federated campaigns	1a						
	b Membership dues	1b						
	c Fundraising events	1c						
	d Related organizations	1d						
	e Government grants (contributions)	1e	196,797.					
	f All other contributions, gifts, grants, and similar amounts not included above	1f	1,696,414.					
	g Noncash contributions included in lines 1a-1f	1g	\$					
	h Total. Add lines 1a-1f			1,893,211.				
Program Service Revenue	2 a PROFESSIONAL FEES	Business Code						
		900099		2,423.	2,423.			
	b REGISTRATIONS	900099		648.	648.			
	c							
	d							
	e							
	f All other program service revenue							
g Total. Add lines 2a-2f			3,071.					
Other Revenue	3 Investment income (including dividends, interest, and other similar amounts)			336,861.			336,861.	
	4 Income from investment of tax-exempt bond proceeds							
	5 Royalties							
	6 a Gross rents	6a	(i) Real	(ii) Personal				
	b Less: rental expenses	6b						
	c Rental income or (loss)	6c						
	d Net rental income or (loss)							
	7 a Gross amount from sales of assets other than inventory	7a	(i) Securities	(ii) Other				
	b Less: cost or other basis and sales expenses	7b	215,520.					
	c Gain or (loss)	7c	145,630.					
d Net gain or (loss)			145,630.			145,630.		
8 a Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c). See Part IV, line 18	8a							
b Less: direct expenses	8b							
c Net income or (loss) from fundraising events								
9 a Gross income from gaming activities. See Part IV, line 19	9a							
b Less: direct expenses	9b							
c Net income or (loss) from gaming activities								
10 a Gross sales of inventory, less returns and allowances	10a							
b Less: cost of goods sold	10b							
c Net income or (loss) from sales of inventory								
Miscellaneous Revenue	11 a	Business Code						
	b							
	c							
	d All other revenue							
	e Total. Add lines 11a-11d							
12 Total revenue. See instructions			2,378,773.	3,071.	0.	482,491.		

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

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

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21 ...	50,660.	50,660.		
2 Grants and other assistance to domestic individuals. See Part IV, line 22				
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16	53,600.	53,600.		
4 Benefits paid to or for members				
5 Compensation of current officers, directors, trustees, and key employees	310,403.	124,289.	157,341.	28,773.
6 Compensation not included above to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
7 Other salaries and wages	589,976.	405,600.	179,662.	4,714.
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	31,302.		31,302.	
9 Other employee benefits	55,598.		55,598.	
10 Payroll taxes	60,711.		60,711.	
11 Fees for services (nonemployees):				
a Management				
b Legal	10,801.		10,801.	
c Accounting	13,264.		13,264.	
d Lobbying				
e Professional fundraising services. See Part IV, line 17				
f Investment management fees	21,374.		21,374.	
g Other. (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Sch O.)	257,089.	214,839.	42,250.	
12 Advertising and promotion				
13 Office expenses	23,084.	16,202.	6,853.	29.
14 Information technology	28,251.	27,215.	1,036.	
15 Royalties				
16 Occupancy	126,074.	93,794.	26,993.	5,287.
17 Travel	338,057.	283,608.	50,581.	3,868.
18 Payments of travel or entertainment expenses for any federal, state, or local public officials ...				
19 Conferences, conventions, and meetings	99,555.	90,495.	8,138.	922.
20 Interest				
21 Payments to affiliates	150,000.		150,000.	
22 Depreciation, depletion, and amortization				
23 Insurance				
24 Other expenses. Itemize expenses not covered above (List miscellaneous expenses on line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
a SHARED SERVICES	294,515.	71,212.	218,803.	4,500.
b PUBLICATIONS	2,484.	2,484.		
c BENEFIT ALLOCATION	0.	226,314.	-240,616.	14,302.
d _____				
e All other expenses _____				
25 Total functional expenses. Add lines 1 through 24e	2,516,798.	1,660,312.	794,091.	62,395.
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation.				

Check here if following SOP 98-2 (ASC 958-720)

Part X Balance Sheet

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

		(A) Beginning of year		(B) End of year
Assets	1 Cash - non-interest-bearing	556,209.	1	564,132.
	2 Savings and temporary cash investments	42,119.	2	16,335.
	3 Pledges and grants receivable, net	114,944.	3	155,925.
	4 Accounts receivable, net	246.	4	9,420.
	5 Loans and other receivables from any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons		5	
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), and persons described in section 4958(c)(3)(B)		6	
	7 Notes and loans receivable, net		7	
	8 Inventories for sale or use		8	
	9 Prepaid expenses and deferred charges	24,200.	9	5,089.
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 654,602.		
	b Less: accumulated depreciation	10b 633,907.	10c 0.	20,695.
	11 Investments - publicly traded securities	10,359,333.	11	11,738,787.
	12 Investments - other securities. See Part IV, line 11		12	
	13 Investments - program-related. See Part IV, line 11		13	
	14 Intangible assets		14	
	15 Other assets. See Part IV, line 11	92,721.	15	87,966.
16 Total assets. Add lines 1 through 15 (must equal line 33)	11,189,772.	16	12,598,349.	
Liabilities	17 Accounts payable and accrued expenses	116,591.	17	202,178.
	18 Grants payable		18	
	19 Deferred revenue	428,184.	19	631,705.
	20 Tax-exempt bond liabilities		20	
	21 Escrow or custodial account liability. Complete Part IV of Schedule D		21	
	22 Loans and other payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons		22	
	23 Secured mortgages and notes payable to unrelated third parties		23	
	24 Unsecured notes and loans payable to unrelated third parties		24	
	25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D	178,986.	25	193,927.
	26 Total liabilities. Add lines 17 through 25	723,761.	26	1,027,810.
Net Assets or Fund Balances	Organizations that follow FASB ASC 958, check here <input checked="" type="checkbox"/> and complete lines 27, 28, 32, and 33.			
	27 Net assets without donor restrictions	9,750,111.	27	10,889,134.
	28 Net assets with donor restrictions	715,900.	28	681,405.
	Organizations that do not follow FASB ASC 958, check here <input type="checkbox"/> and complete lines 29 through 33.			
	29 Capital stock or trust principal, or current funds		29	
	30 Paid-in or capital surplus, or land, building, or equipment fund		30	
	31 Retained earnings, endowment, accumulated income, or other funds		31	
	32 Total net assets or fund balances	10,466,011.	32	11,570,539.
	33 Total liabilities and net assets/fund balances	11,189,772.	33	12,598,349.

Part XI Reconciliation of Net Assets

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

1	Total revenue (must equal Part VIII, column (A), line 12)	1	2,378,773.
2	Total expenses (must equal Part IX, column (A), line 25)	2	2,516,798.
3	Revenue less expenses. Subtract line 2 from line 1	3	-138,025.
4	Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A))	4	10,466,011.
5	Net unrealized gains (losses) on investments	5	1,242,553.
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 on Schedule O)	9	0.
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 32, column (B))	10	11,570,539.

Part XII Financial Statements and Reporting

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

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

	Yes	No
2a		X
2b	X	
2c	X	
3a		X
3b		

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

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

Section A. Public Support

Calendar year (or fiscal year beginning in) ►	(a) 2015	(b) 2016	(c) 2017	(d) 2018	(e) 2019	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	898,286.	920,094.	1342268.	1602302.	1893211.	6656161.
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3	898,286.	920,094.	1342268.	1602302.	1893211.	6656161.
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)						1917464.
6 Public support. Subtract line 5 from line 4.						4738697.

Section B. Total Support

Calendar year (or fiscal year beginning in) ►	(a) 2015	(b) 2016	(c) 2017	(d) 2018	(e) 2019	(f) Total
7 Amounts from line 4	898,286.	920,094.	1342268.	1602302.	1893211.	6656161.
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources	311,625.	159,102.	246,630.	319,646.	336,861.	1373864.
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
11 Total support. Add lines 7 through 10						8030025.
12 Gross receipts from related activities, etc. (see instructions)					12	82,894.
13 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here						<input type="checkbox"/>

Section C. Computation of Public Support Percentage

14 Public support percentage for 2019 (line 6, column (f) divided by line 11, column (f))	14	59.01	%
15 Public support percentage from 2018 Schedule A, Part II, line 14	15	61.06	%
16a 33 1/3% support test - 2019. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization			<input checked="" type="checkbox"/>
b 33 1/3% support test - 2018. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization			<input type="checkbox"/>
17a 10% -facts-and-circumstances test - 2019. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization			<input type="checkbox"/>
b 10% -facts-and-circumstances test - 2018. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization			<input type="checkbox"/>
18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions			<input type="checkbox"/>

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

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

Section A. Public Support

Calendar year (or fiscal year beginning in) ►	(a) 2015	(b) 2016	(c) 2017	(d) 2018	(e) 2019	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")						
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year						
c Add lines 7a and 7b						
8 Public support. (Subtract line 7c from line 6.)						

Section B. Total Support

Calendar year (or fiscal year beginning in) ►	(a) 2015	(b) 2016	(c) 2017	(d) 2018	(e) 2019	(f) Total
9 Amounts from line 6						
10a 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						
c Add lines 10a and 10b						
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
13 Total support. (Add lines 9, 10c, 11, and 12.)						

14 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and **stop here** ►

Section C. Computation of Public Support Percentage

15 Public support percentage for 2019 (line 8, column (f), divided by line 13, column (f))	15	%
16 Public support percentage from 2018 Schedule A, Part III, line 15	16	%

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2019 (line 10c, column (f), divided by line 13, column (f))	17	%
18 Investment income percentage from 2018 Schedule A, Part III, line 17	18	%

19a 33 1/3% support tests - 2019. If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization ►

b 33 1/3% support tests - 2018. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3%, and line 18 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization ►

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

Part IV Supporting Organizations

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

Section A. All Supporting Organizations

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

Part IV Supporting Organizations (continued)

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

Section B. Type I Supporting Organizations

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

Section C. Type II Supporting Organizations

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

Section D. All Type III Supporting Organizations

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

Section E. Type III Functionally Integrated Supporting Organizations

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

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

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

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

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

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

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

Section D - Distributions	Current Year
1 Amounts paid to supported organizations to accomplish exempt purposes	
2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	
3 Administrative expenses paid to accomplish exempt purposes of supported organizations	
4 Amounts paid to acquire exempt-use assets	
5 Qualified set-aside amounts (prior IRS approval required)	
6 Other distributions (describe in Part VI). See instructions.	
7 Total annual distributions. Add lines 1 through 6.	
8 Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI). See instructions.	
9 Distributable amount for 2019 from Section C, line 6	
10 Line 8 amount divided by line 9 amount	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2019	(iii) Distributable Amount for 2019
1 Distributable amount for 2019 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2019 (reasonable cause required- explain in Part VI). See instructions.			
3 Excess distributions carryover, if any, to 2019			
a From 2014			
b From 2015			
c From 2016			
d From 2017			
e From 2018			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2019 distributable amount			
i Carryover from 2014 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from 3f.			
4 Distributions for 2019 from Section D, line 7: \$			
a Applied to underdistributions of prior years			
b Applied to 2019 distributable amount			
c Remainder. Subtract lines 4a and 4b from 4.			
5 Remaining underdistributions for years prior to 2019, 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 2019. Subtract lines 3h and 4b from line 1. For result greater than zero, explain in Part VI . See instructions.			
7 Excess distributions carryover to 2020. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a Excess from 2015			
b Excess from 2016			
c Excess from 2017			
d Excess from 2018			
e Excess from 2019			

Schedule B

(Form 990, 990-EZ, or 990-PF)

Department of the Treasury
Internal Revenue Service

Schedule of Contributors

▶ Attach to Form 990, Form 990-EZ, or Form 990-PF.
▶ Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2019

Name of the organization

AGRICULTURE & FOOD SYSTEMS INSTITUTE

Employer identification number

52-1323610

Organization type (check one):

Filers of:

Section:

Form 990 or 990-EZ

501(c)(3) (enter number) organization

4947(a)(1) nonexempt charitable trust **not** treated as a private foundation

527 political organization

Form 990-PF

501(c)(3) exempt private foundation

4947(a)(1) nonexempt charitable trust treated as a private foundation

501(c)(3) taxable private foundation

Check if your organization is covered by the **General Rule** or a **Special Rule**.

Note: Only a section 501(c)(7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule. See instructions.

General Rule

For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, contributions totaling \$5,000 or more (in money or property) from any one contributor. Complete Parts I and II. See instructions for determining a contributor's total contributions.

Special Rules

For an organization described in section 501(c)(3) filing Form 990 or 990-EZ that met the 33 1/3% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi), that checked Schedule A (Form 990 or 990-EZ), Part II, line 13, 16a, or 16b, and that received from any one contributor, during the year, total contributions of the greater of **(1)** \$5,000; or **(2)** 2% of the amount on (i) Form 990, Part VIII, line 1h; or (ii) Form 990-EZ, line 1. Complete Parts I and II.

For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than \$1,000 *exclusively* for religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals. Complete Parts I, II, and III.

For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions *exclusively* for religious, charitable, etc., purposes, but no such contributions totaled more than \$1,000. If this box is checked, enter here the total contributions that were received during the year for an *exclusively* religious, charitable, etc., purpose. Don't complete any of the parts unless the **General Rule** applies to this organization because it received *nonexclusively* religious, charitable, etc., contributions totaling \$5,000 or more during the year ▶ \$ _____

Caution: An organization that isn't covered by the General Rule and/or the Special Rules doesn't file Schedule B (Form 990, 990-EZ, or 990-PF), but it **must** answer "No" on Part IV, line 2, of its Form 990; or check the box on line H of its Form 990-EZ or on its Form 990-PF, Part I, line 2, to certify that it doesn't meet the filing requirements of Schedule B (Form 990, 990-EZ, or 990-PF).

Name of organization AGRICULTURE & FOOD SYSTEMS INSTITUTE	Employer identification number 52-1323610
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Part I Contributors (see instructions). Use duplicate copies of Part I if additional space is needed.

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
1	CROPLIFE INTERNATIONAL 326 AVE LOUISE BOX 35B-1050 BRUSSELS, BELGIUM B-1050	\$ 650,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
2	INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE 2033 K STREET NW WASHINGTON, DC 20006	\$ 488,758.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
3	BILL & MELINDA GATES FOUNDATION PO BOX 23350 SEATTLE, WA 98102	\$ 299,875.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
4	US DEPARTMENT OF AGRICULTURE 1400 INDEPENDANCE AVE SW STOP 1042 WASHINGTON, DC 20250	\$ 196,797.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
5	UNIVERSITY OF FLORIDA 123 GRINTER HALL GAINSVILLE, FL 32611	\$ 150,117.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
6	CORTEVA AGRISCIENCE 8325 NW 62ND AVE JOHNSTON, IA 50131	\$ 56,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)

Name of organization AGRICULTURE & FOOD SYSTEMS INSTITUTE	Employer identification number 52-1323610
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Part II Noncash Property (see instructions). Use duplicate copies of Part II if additional space is needed.

(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
	<div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div>	\$ _____	_____
	<div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div>	\$ _____	_____
	<div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div>	\$ _____	_____
	<div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div>	\$ _____	_____
	<div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div>	\$ _____	_____
	<div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div>	\$ _____	_____
	<div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"> </div>	\$ _____	_____

Name of organization AGRICULTURE & FOOD SYSTEMS INSTITUTE	Employer identification number 52-1323610
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Part III Exclusively religious, charitable, etc., contributions to organizations described in section 501(c)(7), (8), or (10) that total more than \$1,000 for the year from any one contributor. Complete columns (a) through (e) and the following line entry. For organizations completing Part III, enter the total of exclusively religious, charitable, etc., contributions of **\$1,000 or less** for the year. (Enter this info. once.) ▶ \$ _____
Use duplicate copies of Part III if additional space is needed.

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	

SCHEDULE D
(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

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

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

OMB No. 1545-0047

2019
Open to Public Inspection

Name of the organization **AGRICULTURE & FOOD SYSTEMS INSTITUTE** Employer identification number **52-1323610**

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts. Complete if the organization answered "Yes" on Form 990, Part IV, line 6.

	(a) Donor advised funds	(b) Funds and other accounts
1 Total number at end of year		
2 Aggregate value of contributions to (during year)		
3 Aggregate value of grants from (during year)		
4 Aggregate value at end of year		
5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit?	<input type="checkbox"/> Yes <input type="checkbox"/> No	

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

1 Purpose(s) of conservation easements held by the organization (check all that apply).
 Preservation of land for public use (for example, recreation or education) Preservation of a historically important land area
 Protection of natural habitat Preservation of a certified historic structure
 Preservation of open space

2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year.

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

3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ▶ _____

4 Number of states where property subject to conservation easement is located ▶ _____

5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds?

6 Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ▶ _____

7 Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ▶ \$ _____

8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)?

9 In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets. Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

1a If the organization elected, as permitted under FASB ASC 958, not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide in Part XIII the text of the footnote to its financial statements that describes these items.

b If the organization elected, as permitted under FASB ASC 958, to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items:

(i) Revenue included on Form 990, Part VIII, line 1

(ii) Assets included in Form 990, Part X

2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under FASB ASC 958 relating to these items:

a Revenue included on Form 990, Part VIII, line 1

b Assets included in Form 990, Part X

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

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

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

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

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

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance					
b Contributions					
c Net investment earnings, gains, and losses					
d Grants or scholarships					
e Other expenditures for facilities and programs					
f Administrative expenses					
g End of year balance					

- 2 Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:
- a Board designated or quasi-endowment _____ %
 - b Permanent endowment _____ %
 - c Term endowment _____ %
- The percentages on lines 2a, 2b, and 2c should equal 100%.
- 3a Are there endowment funds not in the possession of the organization that are held and administered for the organization by:
- | | Yes | No |
|--|--------|----|
| (i) Unrelated organizations | 3a(i) | |
| (ii) Related organizations | 3a(ii) | |
| b If "Yes" on line 3a(ii), are the related organizations listed as required on Schedule R? | 3b | |
- 4 Describe in Part XIII the intended uses of the organization's endowment funds.

Part VI Land, Buildings, and Equipment.

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

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land				
b Buildings				
c Leasehold improvements				
d Equipment		654,602.	633,907.	20,695.
e Other				
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10c.)				20,695.

Part VII Investments - Other Securities.

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

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely held equity interests		
(3) Other		
(A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Col. (b) must equal Form 990, Part X, col. (B) line 12.) ▶		

Part VIII Investments - Program Related.

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

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (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) RENT PAYABLE, SHARED SERVICES	
(3) AGREEMENT	157,337.
(4) DUE UNDER SHARED SPACE AND	
(5) SERVICES AGREEMENT	36,590.
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 25.) ▶	193,927.

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

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

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

1	Total revenue, gains, and other support per audited financial statements	1	3,599,952.
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:		
a	Net unrealized gains (losses) on investments	2a	1,242,553.
b	Donated services and use of facilities	2b	
c	Recoveries of prior year grants	2c	
d	Other (Describe in Part XIII.)	2d	
e	Add lines 2a through 2d	2e	1,242,553.
3	Subtract line 2e from line 1	3	2,357,399.
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1:		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	21,374.
b	Other (Describe in Part XIII.)	4b	
c	Add lines 4a and 4b	4c	21,374.
5	Total revenue. Add lines 3 and 4c . (This must equal Form 990, Part I, line 12.)	5	2,378,773.

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

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

1	Total expenses and losses per audited financial statements	1	2,495,424.
2	Amounts included on line 1 but not on Form 990, Part IX, line 25:		
a	Donated services and use of facilities	2a	
b	Prior year adjustments	2b	
c	Other losses	2c	
d	Other (Describe in Part XIII.)	2d	
e	Add lines 2a through 2d	2e	0.
3	Subtract line 2e from line 1	3	2,495,424.
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	21,374.
b	Other (Describe in Part XIII.)	4b	
c	Add lines 4a and 4b	4c	21,374.
5	Total expenses. Add lines 3 and 4c . (This must equal Form 990, Part I, line 18.)	5	2,516,798.

Part XIII Supplemental Information.

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

PART X, LINE 2:

THE INSTITUTE BELIEVES THAT IT HAS APPROPRIATE SUPPORT FOR ANY TAX POSITIONS TAKEN, AND AS SUCH, DOES NOT HAVE ANY UNCERTAIN TAX POSITIONS THAT ARE MATERIAL TO THE FINANCIAL STATEMENTS AS OF DECEMBER 31, 2019.

**SCHEDULE F
(Form 990)**

Department of the Treasury
Internal Revenue Service

Statement of Activities Outside the United States

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

▶ Attach to Form 990.

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

OMB No. 1545-0047

2019

Open to Public
Inspection

Name of the organization AGRICULTURE & FOOD SYSTEMS INSTITUTE	Employer identification number 52-1323610
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Part I General Information on Activities Outside the United States. Complete if the organization answered "Yes" on Form 990, Part IV, line 14b.

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

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in the region	(d) Activities conducted in the region (by type) (such as, fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in the region	(f) Total expenditures for and investments in the region
SOUTH ASIA	0	0	PROGRAM SERVICES, GRANTMAKING	TECHNICAL TRAINING WORKSHOPS & SCIENTIFIC MEETINGS OR CONFERENCES	166,000.
SUB-SAHARAN AFRICA	0	0	PROGRAM SERVICES	TECHNICAL TRAINING WORKSHOPS & SCIENTIFIC MEETINGS OR CONFERENCES	61,000.
EUROPE	0	0	PROGRAM SERVICES	TECHNICAL TRAINING WORKSHOPS & SCIENTIFIC MEETINGS OR CONFERENCES	43,000.
EAST ASIA	0	0	PROGRAM SERVICES	TECHNICAL TRAINING WORKSHOPS & SCIENTIFIC MEETINGS OR CONFERENCES	38,000.
SOUTHEAST ASIA	0	0	PROGRAM SERVICES, GRANTMAKING	TECHNICAL TRAINING WORKSHOPS & SCIENTIFIC MEETINGS OR CONFERENCES	37,000.
3 a Subtotal	0	0			345,000.
b Total from continuation sheets to Part I	0	0			0.
c Totals (add lines 3a and 3b)	0	0			345,000.

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)
		SOUTH ASIA	RESEARCH SUPPORT	20,000.	CHECK	0.		
		SOUTH ASIA	RESEARCH SUPPORT	15,600.	CHECK	0.		
		SOUTH ASIA	RESEARCH SUPPORT	12,000.	CHECK	0.		

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

3 Enter total number of other organizations or entities **0**

Part IV Foreign Forms

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

Part V Supplemental Information

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

PART I, LINE 2:

THE AGRICULTURE & FOOD SYSTEMS INSTITUTE REQUIRES SIGNED AGREEMENTS THAT SPECIFY COMPLIANCE REPORTING OR OTHER COMMUNICATION REQUIREMENTS. STAFF MONITOR PROJECTS TO ENSURE FUNDS ARE USED FOR THE INTENDED PURPOSE.

**SCHEDULE I
(Form 990)**

Department of the Treasury
Internal Revenue Service

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

▶ **Attach to Form 990.**

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

OMB No. 1545-0047

2019

**Open to Public
Inspection**

Name of the organization **AGRICULTURE & FOOD SYSTEMS INSTITUTE** Employer identification number **52-1323610**

Part I General Information on Grants and Assistance

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

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

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
INTERNATIONAL LIFE SCIENCES INSTITUTE - 740 15TH ST NW STE 600 - WASHINGTON, DC 20006	52-1131788	501(C)(3)	40,660.	0.			MIST AND SCIENCE SYMPOSIUM SUPPORT
ASPEN GLOBAL CHANGE INSTITUTE 104 MIDLAND AVE STE 205 BASALT, CO 81621	84-1305687	501(C)(3)	10,000.	0.			RESEARCH SUPPORT

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

3 Enter total number of other organizations listed in the line 1 table ▶ **0.**

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

Schedule I (Form 990) (2019)

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

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

PART I, LINE 2:

AFSI REQUIRES SIGNED AGREEMENTS THAT SPECIFY COMPLIANCE REPORTING OR OTHER
COMMUNICATION REQUIREMENTS. STAFF MONITOR PROJECTS TO ENSURE FUNDS ARE USED
FOR THE INTENDED PURPOSE.

**SCHEDULE J
(Form 990)**

Department of the Treasury
Internal Revenue Service

Compensation Information

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees
 ▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23.
 ▶ Attach to Form 990.
 ▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2019

Open to Public Inspection

Name of the organization

AGRICULTURE & FOOD SYSTEMS INSTITUTE

Employer identification number

52-1323610

Part I Questions Regarding Compensation

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

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

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

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

3 Indicate which, if any, of the following the organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.

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

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

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

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

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

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

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

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

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

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

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

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

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

Schedule J (Form 990) 2019

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

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

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

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
(1) DR. MORVEN MCLEAN CHIEF EXECUTIVE OFFICER	(i)	249,910.	0.	1,290.	18,482.	40,721.	310,403.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(2) DR. ANDREW ROBERTS VICE PRESIDENT, BIOTECHNOLOGY	(i)	177,255.	0.	300.	12,708.	23,157.	213,420.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
	(i)							
	(ii)							
	(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.

FORM 990, PART VII, LINE 5

BETH-ELLEN BERRY, AFSI'S CFO, WAS COMPENSATED A TOTAL OF \$217,596 BY

NPO SERVICES. NPO SERVICES PROVIDES ACCOUNTING, LEGAL, HR, IT AND

GENERAL BUSINESS SERVICES THROUGH A SHARED SERVICES ARRANGEMENT TO A

GROUP OF NON-PROFIT SCIENTIFIC ORGANIZATIONS CO-LOCATED IN WASHINGTON

DC OFFICE SPACE.

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

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

▶ Attach to Form 990 or 990-EZ.

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

OMB No. 1545-0047

2019

Open to Public
Inspection

Name of the organization

AGRICULTURE & FOOD SYSTEMS INSTITUTE

Employer identification number

52-1323610

FORM 990, PART I, LINE 1, DESCRIPTION OF ORGANIZATION MISSION:

THE AGRICULTURE & FOOD SYSTEMS INSTITUTE (AFSI) IS A NON-PROFIT ORGANIZATION THAT ADVANCES AND DISSEMINATES SCIENCE FOR PUBLIC BENEFIT. OUR MISSION IS TO ACHIEVE SAFE AND SUSTAINABLE AGRI-FOOD SYSTEMS BY PROVIDING THOUGHT LEADERSHIP AND CREATING A COLLABORATIVE ENVIRONMENT THAT FOSTERS SCIENTIFIC INNOVATION ACROSS DISCIPLINES, SECTORS, AND GEOGRAPHIES.

FORM 990, PART III, LINE 1, DESCRIPTION OF ORGANIZATION MISSION:

ENVIRONMENT THAT FOSTERS SCIENTIFIC INNOVATION ACROSS DISCIPLINES, SECTORS, AND GEOGRAPHIES.

FORM 990, PART III, LINE 4A, PROGRAM SERVICE ACCOMPLISHMENTS:

7TH ANNUAL SOUTH ASIA BIOSAFETY CONFERENCE (SABC2019) DHAKA, BANGLADESH
SEPTEMBER 14, 2019 - SEPTEMBER 16, 2019

SAARC REGIONAL EXPERT CONSULTATION MEETING ON THE PROGRESS AND PROSPECTS OF AGRICULTURAL BIOTECHNOLOGY AND BIOSAFETY IN SOUTH ASIA
DHAKA, BANGLADESH JUNE 18, 2019 - JUNE 20, 2019; BIOSAFETY REGULATIONS FOR BIOTECH RESEARCHERS AND BIOSAFETY PRACTITIONERS CHITTAGONG, BANGLADESH MAY 2, 2019; CONSULTATION MEETING FOR THE BIOSAFETY RESEARCH IN BANGLADESH GRANTS PROGRAM DHAKA, BANGLADESH APRIL 29, 2019; OECD WORKING GROUP ON THE HARMONISATION OF REGULATORY OVERSIGHT IN BIOTECHNOLOGY PARIS, FRANCE APRIL 8, 2019 - APRIL 10, 2019; OECD WORKING GROUP ON THE SAFETY OF NOVEL FOODS AND FEEDS PARIS, FRANCE APRIL 4, 2019 - APRIL 5, 2019; GENETIC BIOCONTROL FOR INVASIVE SPECIES

TARRAGONA, SPAIN MARCH 31, 2019; KICK-OFF MEETING OF THE AD-HOC EXPERT

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

Schedule O (Form 990 or 990-EZ) (2019)

Name of the organization AGRICULTURE & FOOD SYSTEMS INSTITUTE	Employer identification number 52-1323610
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GROUP FOR DEVELOPING THE OECD CONSENSUS DOCUMENT ON THE BIOLOGY OF MOSQUITO ANOPHELES GAMBIAE ADDIS ABABA, ETHIOPIA MARCH 14, 2019 - MARCH 15, 2019; CONFINED FIELD TRIAL (CFT) DATA TRANSPORTABILITY WORKSHOP ADDIS ABABA, ETHIOPIA MARCH 12, 2019 - MARCH 13, 2019; SAFETY ASSESSMENT OF FOODS AND FEEDS DERIVED FROM GENETICALLY ENGINEERED PLANTS: PHASE I TECHNICAL WORKSHOP, LANGFANG, CHINA MARCH 5, 2019 - MARCH 7, 2019; INSTITUTIONAL BIOSAFETY OFFICER (IBO) WORKSHOP: BUILDING A NETWORK OF BIOSAFETY PRACTITIONERS IN BANGLADESH DHAKA, BANGLADESH FEBRUARY 14, 2019; SCIENCE POLICY FORUM ON SCIENCE-BASED REGULATION OF BREEDING STACKS MANILA, THE PHILIPPINES JANUARY 22, 2019. PUBLICATIONS: TEEM J ET AL. (2019). PROBLEM FORMULATION FOR GENE DRIVE MOSQUITOES DESIGNED TO REDUCE MALARIA TRANSMISSION IN AFRICA: RESULTS FROM FOUR REGIONAL CONSULTATIONS 20162018. MALARIA JOURNAL. 18:347.; PANDEY P.R., BAJAJ B., AND ISLAM A. (EDS.). 2019. AGRICULTURAL BIOTECHNOLOGY AND BIOSAFETY IN SOUTH ASIA: PROGRESS AND PROSPECTS. SAARC AGRICULTURE CENTRE.

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

MEETINGS, BRANCH ENGAGEMENT, COMMUNICATIONS.

EXPENSES \$ 154,951. INCLUDING GRANTS OF \$ 50,660. REVENUE \$ 2,523.

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

THE CFO, GENERAL COUNSEL, AND CHIEF EXECUTIVE OFFICER REVIEW THE RETURN.

ONCE IT IS IN ITS FINAL FORM, A COPY IS SENT ELECTRONICALLY TO THE BOARD OF TRUSTEES FOR REVIEW.

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

THE CHIEF EXECUTIVE OFFICER, TRUSTEES AND KEY EMPLOYEES COMPLETE CONFLICT

Name of the organization AGRICULTURE & FOOD SYSTEMS INSTITUTE	Employer identification number 52-1323610
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OF INTEREST FORMS ON AN ANNUAL BASIS. COMPLETED CONFLICT OF INTEREST FORMS FOR THE TRUSTEES AND CHIEF EXECUTIVE OFFICER ARE REVIEWED BY IN-HOUSE COUNSEL, WHOSE OBSERVATIONS ARE SHARED WITH THE CHAIR. IN THE EVENT THAT A CONFLICT SHOULD ARISE ON THE PART OF A TRUSTEE, THE CHAIR (OR IF THE CONFLICT INVOLVES THE CHAIR, ANOTHER DISINTERESTED TRUSTEE) WILL COMMUNICATE WITH THE INTERESTED TRUSTEE TO DETERMINE THE NATURE OF THE CONFLICT AND WHETHER THE TRUSTEE SHOULD ABSTAIN FROM DECIDING ON MATTERS AFFECTED BY THE INTEREST. THE DISINTERESTED MEMBERS OF THE BOARD OF TRUSTEES HAVE THE AUTHORITY TO REMOVE THE TRUSTEE WITH THE INTEREST FROM CONSIDERATION OF THE MATTER TO WHICH THE INTEREST PERTAINS. CONFLICT OF INTEREST FORMS, COMPLETED BY THE CHIEF EXECUTIVE OFFICER, ARE REVIEWED BY THE CHAIR AND ANOTHER INDEPENDENT TRUSTEE WHO WILL INTERVENE IF A TRUE CONFLICT SHOULD ARISE. CONFLICT OF INTEREST FORMS COMPLETED BY KEY EMPLOYEES OTHER THAN THE CHIEF EXECUTIVE OFFICER ARE REVIEWED BY THE GENERAL COUNSEL AND BY THE CHIEF EXECUTIVE OFFICER, WHO HAS RESPONSIBILITY FOR MANAGING ANY CONFLICTS DECLARED BY THE KEY EMPLOYEES.

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

IN 2008, THE AGRICULTURE & FOOD SYSTEMS INSTITUTE BOARD OF TRUSTEES AMENDED THE BY LAWS TO ESTABLISH A FORMAL PROCESS FOR SETTING EXECUTIVE COMPENSATION IN ACCORDANCE WITH THE INTERNAL REVENUE SERVICE SAFE HARBOR REGULATION REGARDING EXCESS BENEFITS. UNDER THIS PROCEDURE, THE CHAIR APPOINTS A COMPENSATION COMMITTEE COMPOSED OF THREE INDEPENDENT TRUSTEES TO REVIEW THE COMPENSATION OF THE AFSI CHIEF EXECUTIVE OFFICER. THE REVIEW INCLUDES CONSIDERATION OF COMPARABILITY DATA. THE COMPENSATION COMMITTEE ESTABLISHES A RANGE OF COMPENSATION THAT THE COMMITTEE DEEMS REASONABLE. THE AGRICULTURE & FOOD SYSTEMS INSTITUTE CHAIR SETS THE CHIEF EXECUTIVE OFFICER'S COMPENSATION AT A FIGURE THAT IS CONSISTENT WITH THE RANGES

Name of the organization AGRICULTURE & FOOD SYSTEMS INSTITUTE	Employer identification number 52-1323610
--	--

ESTABLISHED BY THE COMPENSATION COMMITTEE. THE COMPENSATION COMMITTEE RECORDS THEIR DECISION IN CONTEMPORANEOUS WRITTEN MINUTES IN ACCORDANCE WITH THE IRS SAFE HARBOR REGULATION WITH REGARD TO EXCESS BENEFITS. THE COMPENSATION COMMITTEE IS ONLY REQUIRED TO PERFORM THE COMPENSATION REVIEW DESCRIBED ABOVE WITH REGARD TO COMPENSATION OF THE CHIEF EXECUTIVE OFFICER. HOWEVER, THE COMMITTEE HAS THE DISCRETION TO PERFORM SUCH A REVIEW WITH REGARD TO ANY AFSI EMPLOYEES AS IT DETERMINES APPROPRIATE. IF THE COMPENSATION OF AN AFSI EMPLOYEE OTHER THAN THE CHIEF EXECUTIVE OFFICER IS NOT DETERMINED IN ACCORDANCE WITH THE PROCEDURE DESCRIBED ABOVE, HIS/HER COMPENSATION IS SET BY THE CHIEF EXECUTIVE OFFICER IN ACCORDANCE WITH HIGH-TO-LOW RANGES ESTABLISHED BY THE DIRECTOR OF HUMAN RESOURCES IN COOPERATION WITH THE CHIEF EXECUTIVE OFFICER. THE COMPENSATION REVIEW FOR THE CHIEF EXECUTIVE OFFICER AND ANY OTHER AFSI EMPLOYEE SUBJECTED TO COMPENSATION COMMITTEE REVIEW DOES INCLUDE A REVIEW AND APPROVAL BY INDEPENDENT PERSONS, COMPARABILITY DATA, AND CONTEMPORANEOUS SUBSTANTIATION OF THE DELIBERATION AND DECISION. COMPENSATION OF EMPLOYEES WHO ARE NOT SUBJECT TO SUCH A REVIEW IS ESTABLISHED BY THE CHIEF EXECUTIVE OFFICER, WHO IS INDEPENDENT OF THE EMPLOYEES, AND IT IS NORMALLY BASED ON A REVIEW OF COMPARABLE COMPENSATION IN NONPROFIT CORPORATIONS OF THE SAME SIZE IN THE WASHINGTON, DC AREA. THE PROCESS BY WHICH COMPENSATION IS SET IS DOCUMENTED IN WRITING, BUT THIS IS NOT DONE IN THE SAME FORMAL MANNER AS REVIEW BY THE COMPENSATION COMMITTEE.

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

GOVERNANCE DOCUMENTS INCLUDING THE CONFLICT OF INTEREST POLICY ARE POSTED ON WEBSITE.

FORM 990, PART IX, LINE 11G, OTHER FEES:

Name of the organization AGRICULTURE & FOOD SYSTEMS INSTITUTE	Employer identification number 52-1323610
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CONSULTANTS:

PROGRAM SERVICE EXPENSES	214,839.
MANAGEMENT AND GENERAL EXPENSES	41,972.
FUNDRAISING EXPENSES	0.
TOTAL EXPENSES	256,811.

PROFESSIONAL FEES:

PROGRAM SERVICE EXPENSES	0.
MANAGEMENT AND GENERAL EXPENSES	278.
FUNDRAISING EXPENSES	0.
TOTAL EXPENSES	278.

TOTAL OTHER FEES ON FORM 990, PART IX, LINE 11G, COL A 257,089.