Form **990**

Return of Organization Exempt From Income Tax

OMB No. 1545-0047

2019

Open to Public Inspection

Department of the Treasury Internal Revenue Service

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.

Α	For the	2019 calend	dar year, or tax year beginning	01/01	, 2019, and end	ing 12/	<u>3</u> 1	, 20 19				
В	Check if a	applicable:	C Name of organization OFM Res	search			D Empl	oyer identification number				
	Address of	change	Doing business as				57-1222227					
	Name cha	ange	Number and street (or P.O. box if	mail is not delivered to	street address)	Room/suite	E Telephone number					
$\overline{\Box}$	Initial retu	rn	28430 NE 47th PL					425-880-4418				
$\overline{\Box}$		n/terminated	City or town, state or province, co	ountry, and ZIP or forei	gn postal code							
$\overline{\Box}$	Amended	return	Redmond, WA, 98053-8841	•			G Gross	receipts \$ 248,616				
ī		n pending	F Name and address of principal off	icer: Richard Sack		H(a) Is this a q	oup return fo	or subordinates? Yes No				
	, .ppoue	por.ag	28430 NE 47th PL, Redmond,			1 . ,	all subordinates included? Yes No					
$\overline{}$	Tax-exem	not status:	✓ 501(c)(3) 501(c) () ◀ (insert no.)	4947(a)(1) or 527		ach a list. (see instructions)					
J	-	-	fm-research.org	, (,			up exemption number ▶					
<u></u>	•	_	Corporation Trust Associa	tion Other ►	L Year of for		_ ·	of legal domicile: WA				
_	art I	Summa		alon outloi?	2 1001 01 101	2003	III Otato	or logal dollilollo.				
_			-	ion or most signifi	icant activities: To co	anduct nublic int	oract co	iontific research and				
Φ		Briefly describe the organization's mission or most significant activities: To conduct public interest scientific research and distribute research findings to the scientific community and the public.										
ũ	-	uisti ibute i	esearch indings to the scienti	inc community and	i trie public.							
Ë	1 2	Chaal thia	boy N if the every insting	diacontinuad ita		d of more then	0E0/ of	ite net eccete				
OVE			box ► ☐ if the organization				1 1					
Ğ	1		f voting members of the gove		· ·		3	5				
Š	1		f independent voting member	•	• • •	•	4	5				
ìŧi			ber of individuals employed in	•	, , ,		5	2				
Activities & Governance			ber of volunteers (estimate if i	• ,			6	0				
⋖	1		lated business revenue from I		• •		7a	0				
_	b l	Net unrelat	ted business taxable income	from Form 990-1	, line 39		7b	0				
Revenue				Prior Yea		Current Year						
			ons and grants (Part VIII, line	:	244,484 248,61							
	1		ervice revenue (Part VIII, line				0					
3eV			t income (Part VIII, column (A	•	•		0	0				
_	11 (Other reve	nue (Part VIII, column (A), line	es 5, 6d, 8c, 9c, 10	0c, and 11e)		0	0				
	12	Total reven	nue-add lines 8 through 11 (m	nust equal Part VII	I, column (A), line 12)	:	244,484	248,616				
			d similar amounts paid (Part I)				100,766	73,733				
	14 I	Benefits pa	aid to or for members (Part IX	K, column (A), line	4)		0	0				
S	15	Salaries, ot	ther compensation, employee I	benefits (Part IX, co	olumn (A), lines 5-10)		189,931	182,877				
Expenses	16a	Profession	al fundraising fees (Part IX, c	olumn (A), line 11	e)		0	0				
ф	b -	Total fundr	raising expenses (Part IX, colu	umn (D), line 25) I	0							
ш	17 (Other expe	enses (Part IX, column (A), line	es 11a-11d, 11f-2			66,730	53,544				
	18	Total expe	enses. Add lines 13-17 (must	equal Part IX, colu	umn (A), line 25)		357,427	310,154				
	1		ess expenses. Subtract line 1	•			112,943	-61,538				
or			·			Beginning of Cur		-				
Net Assets or Fund Balances	20	Total asset	ts (Part X, line 16)				78,443	16,905				
Ass J Ba	21		ities (Part X, line 26)				0	0				
Fee	22		or fund balances. Subtract li	ine 21 from line 20)		78,443	16,905				
_	art II		ire Block				707110	.0//00				
			, I declare that I have examined this r	eturn including accom	nanying schedules and st	atements, and to the	hest of r	my knowledge and belief it is				
			te. Declaration of preparer (other than					ny tanàna ago ana bonon, it io				
_		<u> </u>										
Sig	an l	Signati	ure of officer			Date)					
He												
			C Ghiorso, Vice President or print name and title									
_		<u>, , , , , , , , , , , , , , , , , , , </u>	e preparer's name	Preparer's signature		Date	01 . [: PTIN				
Pa		1					Check self-emp	' ''				
Pr	eparer							,				
Us	e Only	Firm's nar					s EIN ▶					
N/a	v the ID	Firm's add		shown above? (se	o instructions)	Phon						
ivia	y uie ir s	ว นเรเนรริโ	this return with the preparer s	silowii above? (Se	e instructions)			∐ Yes ∐ No				

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Part	Part III Statement of Program Service Accomplishments Check if Schedule O contains a response or note to any line in this Part III	
1		
	To conduct public interest scientific research and distribute research findings to the scientific research and distribute research and dis	ntific community and the public.
	• P:11	
2	2 Did the organization undertake any significant program services during the year whi prior Form 990 or 990-EZ?	
	If "Yes," describe these new services on Schedule O.	
3		conducts any program
J	services?	
	If "Yes," describe these changes on Schedule O.	
4		largest program services as measured by
•	expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the a	
	the total expenses, and revenue, if any, for each program service reported.	,
4a	·	
	Geological & Earth Sciences Research Programs: Conducted scientific research under g	
	EAR-17-25425 sponsored by the National Science Foundation, and grants from the Alfred	
	scientific research under subcontract the University of California at Los Angeles (funding	
	outcomes resulted in scientific publication and the development of freely available softw	
	utilized at the corporate web site. Detailed information on research outcomes may be do	
	Foundation award reporting website at www.nsf.gov/awardsearch by searching on the ke search result that corresponds to the appropriate award number listed above.	eyword GHIORSO and selecting the
4b	4b (Code:) (Expenses \$including grants of \$) (Revenue \$
4c	4c (Code:) (Expenses \$ including grants of \$) (Revenue \$
	- (***** <u></u> /(****	/ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
4d	4d Other program services (Describe on Schedule O.)	
÷u	(Expenses \$ 0 including grants of \$ 0) (Revenue \$	0)
4e		<u> </u>
	1 5 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	

Part	Checklist of Required Schedules			
1	Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes,"		Yes	No
•	complete Schedule A	1	~	
2	Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)?	2		~
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>	3		,
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</i> "Yes," <i>complete Schedule C, Part II</i>	4		/
5	Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? If "Yes," complete Schedule C, Part III	5		/
6	Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? If "Yes," complete Schedule D, Part I	6		~
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</i> "Yes," <i>complete Schedule D, Part II</i>	7		,
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III	8		/
9	Did the organization report an amount in Part X, line 21, for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? If "Yes," complete Schedule D, Part IV	9		~
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>	10		~
11	If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable.			
а	Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D, Part VI	11a		,
b	Did the organization report an amount for investments—other securities in Part X, line 12, that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VII	11b		~
С	Did the organization report an amount for investments—program related in Part X, line 13, that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VIII </i>	11c		~
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>	11d		,
е	Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X	11e		~
f	Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? If "Yes," complete Schedule D, Part X	11f		~
12a	Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete Schedule D, Parts XI and XII	12a		,
	Was the organization included in consolidated, independent audited financial statements for the tax year? If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional	12b		,
13	Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E	13 14a		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
14a b	Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking,	14a		
b	fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? If "Yes," complete Schedule F, Parts I and IV	14b		,
15	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? If "Yes," complete Schedule F, Parts II and IV	15		/
16	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? If "Yes," complete Schedule F, Parts III and IV.	16		,
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> (see instructions)	17		,
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>	18		,
19	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes," complete Schedule G, Part III	19		,
20a	Did the organization operate one or more hospital facilities? If "Yes," complete Schedule H	20a		~
b 21	If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return? 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 12 if "Yes" complete School U. Parts Land II.	20b	.,	
	domestic government on Part IX, column (A), line 1? If "Yes," complete Schedule I, Parts I and II	21	~	

Part	V 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? If "Yes," complete Schedule I, Parts I and III	22		~
23	Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? If "Yes," complete Schedule J	23	,	
24a	Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a	24a		V
b c	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception? Did the organization maintain an escrow account other than a refunding escrow at any time during the year	24b		
d	to defease any tax-exempt bonds?	24c 24d		
25a	Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>	25a		~
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? If "Yes," complete Schedule L, Part I	25b		~
26	Did the organization report any amount on Part X, line 5 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>	26		~
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? If "Yes," complete Schedule L, Part III	27		V
28	Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions, for applicable filing thresholds, conditions, and exceptions):			
а	A current or former officer, director, trustee, key employee, creator or founder, or substantial contributor? If "Yes," complete Schedule L, Part IV	28a		,
b	A family member of any individual described in line 28a? If "Yes," complete Schedule L, Part IV	28b		~
С	A 35% controlled entity of one or more individuals and/or organizations described in lines 28a or 28b? If "Yes," complete Schedule L, Part IV	28c		_
29	Did the organization receive more than \$25,000 in non-cash contributions? <i>If</i> "Yes," <i>complete Schedule M</i>	29		1
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If</i> "Yes," <i>complete Schedule M</i>	30		,
31	Did the organization liquidate, terminate, or dissolve and cease operations? If "Yes," complete Schedule N, Part I	31		~
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? If "Yes," complete Schedule N, Part II	32		~
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If</i> "Yes," <i>complete Schedule R, Part I</i>	33		/
34	Was the organization related to any tax-exempt or taxable entity? If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1	34		,
35a	Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a		~
b	If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? If "Yes," complete Schedule R, Part V, line 2	35b		
36	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2 </i>	36		~
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>	37		/
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.	38	~	
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			
1.	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable 1a 0		Yes	No
1a b	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable			
С	Did the organization comply with backup withholding rules for reportable payments to vendors and	4-	.,	

Part '	Statements Regarding Other IRS Filings and Tax Compliance (continued)				
				Yes	No
2a	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax				
	Statements, filed for the calendar year ending with or within the year covered by this return	2a	2		
b	If at least one is reported on line 2a, did the organization file all required federal employment to	ax returns? .	2b	~	
	Note: If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instr				
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year		За		~
	If "Yes," has it filed a Form 990-T for this year? If "No" to line 3b, provide an explanation on So		3b		
	At any time during the calendar year, did the organization have an interest in, or a signature or other				
	a financial account in a foreign country (such as a bank account, securities account, or other financial		4a		1
b	If "Yes," enter the name of the foreign country ▶	,			
	See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial A	Accounts (FBAR)			
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax		5a		~
	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter		5b		~
	If "Yes" to line 5a or 5b, did the organization file Form 8886-T?		5c		
	Does the organization have annual gross receipts that are normally greater than \$100,00				
	organization solicit any contributions that were not tax deductible as charitable contributions?		6a		~
b	If "Yes," did the organization include with every solicitation an express statement that such	contributions o			
	gifts were not tax deductible?		6b		
7	Organizations that may receive deductible contributions under section 170(c).				
а	Did the organization receive a payment in excess of \$75 made partly as a contribution and I	partly for goods			
_	· · · · · · · · · · · · · · · · · · ·		7a		
	If "Yes," did the organization notify the donor of the value of the goods or services provided?		7b		
С	Did the organization sell, exchange, or otherwise dispose of tangible personal property for	or which it was			
	required to file Form 8282?		7с		
	If "Yes," indicate the number of Forms 8282 filed during the year	7d	_		
	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal b		7e		
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit the appropriation of the first like the propriation of the first like the pro		7f		
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8	-			
	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file				
8	Sponsoring organizations maintaining donor advised funds. Did a donor advised fund masponsoring organization have excess business holdings at any time during the year?	aintained by the	8		
9	Sponsoring organization have excess business holdings at any time during the year?		0		
	Did the sponsoring organization make any taxable distributions under section 4966?		9a		
	Did the sponsoring organization make a distribution to a donor, donor advisor, or related pers		9b		
10	Section 501(c)(7) organizations. Enter:	011:	30		
	Initiation fees and capital contributions included on Part VIII, line 12	10a			
	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities .	10b			
11	Section 501(c)(12) organizations. Enter:	100			
	Gross income from members or shareholders	11a			
	Gross income from other sources (Do not net amounts due or paid to other sources				
D	· ·	11b			
12a	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of		12a		
	If "Yes," enter the amount of tax-exempt interest received or accrued during the year	12b			
13	Section 501(c)(29) qualified nonprofit health insurance issuers.				
	Is the organization licensed to issue qualified health plans in more than one state?		13a		
	Note: See the instructions for additional information the organization must report on Schedule	e O.			
b	Enter the amount of reserves the organization is required to maintain by the states in which				
	the organization is licensed to issue qualified health plans	13b			
С	Enter the amount of reserves on hand	13c			
14a	Did the organization receive any payments for indoor tanning services during the tax year? .		14a		~
b	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation on S	Schedule O .	14b		
15	Is the organization subject to the section 4960 tax on payment(s) of more than \$1,000,000 in	remuneration o	. [
	excess parachute payment(s) during the year?		15		1
	If "Yes," see instructions and file Form 4720, Schedule N.				
	Is the organization an educational institution subject to the section 4968 excise tax on net investigation.	stment income?	16		~
	If "Yes," complete Form 4720, Schedule O.				

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Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a

response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes on Schedule O. See instructions. Section A. Governing Body and Management No 1a Enter the number of voting members of the governing body at the end of the tax year . . . 1a 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. Enter the number of voting members included on line 1a, above, who are independent . 1b 5 2 Did any officer, director, trustee, or key employee have a family relationship or a business relationship with 2 ~ Did the organization delegate control over management duties customarily performed by or under the direct 3 3 supervision of officers, directors, trustees, or key employees to a management company or other person? . Did the organization make any significant changes to its governing documents since the prior Form 990 was filed? 4 4 5 Did the organization become aware during the year of a significant diversion of the organization's assets? . 5 6 6 Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body? 7a Are any governance decisions of the organization reserved to (or subject to approval by) members, 7b R Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following: 8a 1 8b 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 9 Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.) No 10a **b** If "Yes," did the organization have written policies and procedures governing the activities of such chapters. affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes? 10b Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form? 11a **b** Describe in Schedule O the process, if any, used by the organization to review this Form 990. **12a** Did the organization have a written conflict of interest policy? *If "No," go to line 13* 12a 12b ~ Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts? Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," 12c 13 Did the organization have a written whistleblower policy? 13 14 14 Did the organization have a written document retention and destruction policy? Did the process for determining compensation of the following persons include a review and approval by 15 independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision? The organization's CEO, Executive Director, or top management official 15a 15b If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions). 16a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement 16a v 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 Section C. Disclosure List the states with which a copy of this Form 990 is required to be filed ► None 17 Section 6104 requires an organization to make its Forms 1023 (1024 or 1024-A, if applicable), 990, and 990-T (Section 501(c) 18 (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) Describe on Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, 19 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 ▶ Mark Ghiorso, (206)550-1850

Part VI

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

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 no	r any relate	d org	aniz	atic	n c	ompe	nsa	ted any current	officer, director,	or trustee.
					C)					
(A)	(B)	(-1	-4 -1		ition			(D)	(E)	(F)
Name and title	Average	(do not check more than one box, unless person is both an officer and a director/trustee) Reportable compensation from the					n an		Reportable	Estimated amount
	hours per week								compensation from related	of other compensation
	(list any	Individual trustee or director	Institutional trustee	Officer	Key employee	High emp	Former	organization	organizations	from the
	hours for related	/idua	l tic	ĕ	emp	loye	ner	(W-2/1099-MISC)	(W-2/1099-MISC)	organization and related organizations
	organizations	al tra	nal		oloy	com				J
	below dotted line)	uste	trus		8	pens				
	,		lee			Highest compensated employee				
Lisa S Hardy	0.00					_				
Director	0.00	~						0	0	0
Peter C Lichtner	0.00									
Director	0.00	~						0	0	0
Denton S Ebel	0.00									
Director	0.00	~						0	0	0
Mark S Ghiorso	40.00									
Vice President	0.00			~	~	~		155,285	0	0
Richard O Sack	1.00									
President	0.00			~				0	0	0
		-								
		1								
		-								
		1								
		1								

Part	VII Section A. Officers, Directors,	Trustees,	Key I	Em	plo	yee	s, an	d F	lighest Compe	nsated Emplo	yees (continued)		
					(0	C)							
	(A)	(A) (B) Position (D)							(E)	(F)			
	Name and title	Average	,				e than o is both		Reportable	Reportable	Estimated amount		
		hours	office	er an			or/trust		compensation	compensation	of other		
		per week (list any	악方	ű	Q	<u>~</u>	g 프	F	from the organization	from related organizations	compensation from the		
		hours for	divid	stitu	Officer	y e	ghe	Former	(W-2/1099-MISC)	(W-2/1099-MISC)	organization and		
		related	dual	tion	-	m pla	st co	4			related organizations		
		organizations below	T trug	al tr		Key employee) mp						
		dotted line)	Individual trustee or director	Institutional trustee		"	Highest compensated employee						
				ď			ated						
			1										
			1										
			1										
			1										
			1										
1b	Subtotal			٠.					155,285	0	0		
С	Total from continuation sheets to Part	VII, Section	n A					▶					
d	T 1 1 / 1 1 P 4 P 14 A							▶	155,285	0	0		
2	Total number of individuals (including but	t not limited	d to th	nose	e list	ted	above	e) w	ho received mor	e than \$100,000) of		
	reportable compensation from the organi	ization ►							1				
											Yes No		
3	Did the organization list any former of	officer, dire	ector,	tru	iste	e, k	cey e	mpl	loyee, or highes	t compensated	1		
	employee on line 1a? If "Yes," complete	Schedule J	for s	uch	ind	ivid	ual				3 /		
4	For any individual listed on line 1a, is the	sum of re	portal	ble	con	npei	nsatio	n a	nd other compe	nsation from the			
	organization and related organizations												
	individual										4 1		
5	Did any person listed on line 1a receive of										1		
	for services rendered to the organization	? If "Yes," c	compl	lete	Sch	hedu	ule J f	or s	such person .		5 🗸		
Secti	on B. Independent Contractors												
1	Complete this table for your five high												
	compensation from the organization. Rep	ort compen	satio	n fo	r the	e ca	lenda	r ye	ar ending with or	within the orga	nization's tax year.		
	(A)								(B)		(C)		
	Name and business add	Iress							Description of serv	rices	Compensation		
None													
2	Total number of independent contractor							th	ose listed abov	e) who			
	received more than \$100,000 of compens	ation from	the or	gan	izat	ion	▶		0				

Part VIII Statement of Revenue

		Check if Schedule	Осо	ntains a re	spon	se or note to an	y line in this Pa	rt VIII		
							(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512–514
ts Is	1a	Federated campaign	ns .		1a	0				
Contributions, Gifts, Grants and Other Similar Amounts	b	Membership dues			1b	0				
۵ ج	С	Fundraising events			1c	0				
r A	d	Related organization	ns .		1d	0				
<u>a</u> '⊆	е	Government grants	(cont	ributions)	1e	209,845				
Sin	f	All other contribution	ns, git	fts, grants,						
e E		and similar amounts no	ot incl	uded above	1f	38,771				
호된	g	Noncash contribution	ons in	cluded in						
Cont and (lines 1a-1f			1g	\$ 0				
ō ē	h	Total. Add lines 1a-	-1f .			<u> </u>	248,616			
						Business Code				
<u>i</u>	2 a									
e ez	b									
en S	С									
yram Ser Revenue	d									
Program Service Revenue	е									
ਕੋ	f	All other program se					0	0	0	0
	g_	Total. Add lines 2a-					0			
	3	Investment income other similar amoun	•	•			0	0	0	0
	4	Income from investn					0	0	0	0
	5	5			-		0	0	0	0
	Ū	rioyanics		(i) Real	•	(ii) Personal	U	U	0	J
	6a	Gross rents	6a		0	0				
	b	Less: rental expenses	6b		0	0				
	C	Rental income or (loss)			0	0				
	d	Net rental income o		s)			0	0	0	0
	7a	Gross amount from		(i) Securit		(ii) Other				
		sales of assets	of assets			_				
		other than inventory	7a		0	0				
ē	b	Less: cost or other basis								
Revenue		and sales expenses .	7b		0	0				
ě	С	Gain or (loss)	7с		0	0				
	d	Net gain or (loss)				🕨	0	0	0	0
Other	8a	Gross income from		ndraising						
0		events (not including		0						
		of contributions rep			_					
	_	1c). See Part IV, line			8a	0				
		Less: direct expense			8b	0	_		_	_
	C	Net income or (loss)			y eve	ents ▶	0		0	0
	9a	Gross income f activities. See Part I			9a					
	h	Less: direct expense			9a 9b	0				
		Net income or (loss)					0	0	0	0
		Gross sales of ir			LIVILIC	3	0	0	0	0
	iva	returns and allowan			10a	0				
	b	Less: cost of goods			10b					
	C	Net income or (loss)					0	0	0	0
<u>s</u>						Business Code				
e e	11a									
scellaneo Revenue	b									
	С									
Miscellaneous Revenue	d	All other revenue			-					
≥	е	Total. Add lines 11a				•	0			
	12	Total revenue. See	instr	uctions .		•	248,616	0	0	0

Part IX Statement of Functional Expenses

	n 501(c)(3) and 501(c)(4) organizations must comp	lete all columns All (other organizations i	must complete colu	mn (Δ)
Securo	Check if Schedule O contains a response				
	t include amounts reported on lines 6b, 7b, , 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	73,733	73,733		
2	Grants and other assistance to domestic individuals. See Part IV, line 22	0	0		
3	Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16	0	0		
4	Benefits paid to or for members	0	0		
5	Compensation of current officers, directors, trustees, and key employees	155,285	155,285	0	0
6	Compensation not included above to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)	0	0	0	0
7	Other salaries and wages	15,885	15,885	0	0
8	Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	0	0	0	0
9	Other employee benefits	0	0	0	0
10	Payroll taxes	11,707	11,707	0	0
11	Fees for services (nonemployees):				
а	Management	0	0	0	0
b	Legal	0	0	0	0
С	Accounting	0	0	0	0
d	Lobbying	0	0	0	0
е	Professional fundraising services. See Part IV, line 17	0			0
f	Investment management fees	0	0	0	0
g	Other. (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O.)	4,622	4,622	0	0
12	Advertising and promotion	0	0	0	0
13	Office expenses	509	509	0	0
14	Information technology	0	0	0	0
15	Royalties	0	0	0	0
16	Occupancy	0	0	0	0
17	Travel	0	0	0	0
18	Payments of travel or entertainment expenses for any federal, state, or local public officials	0	0	0	0
19	Conferences, conventions, and meetings .	48,413	48,413		0
20	Interest	0	0	0	0
21	Payments to affiliates	0	0	0	0
22	Depreciation, depletion, and amortization .	0	0	0	0
23	Insurance	0	0	0	0
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 h					
b					
Q C					
d	All other eveness				
е 25	All other expenses	010.151	040.451		
25 26	Total functional expenses. Add lines 1 through 24e 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)	310,154	310,154	0	0

Part X Balance Sheet

		Check if Schedule O contains a response or note to any line in this Par	tX		<u> U</u>
			(A) Beginning of year		(B) End of year
	1	Cash—non-interest-bearing	78,443	1	16,905
	2	Savings and temporary cash investments	0	2	0
	3	Pledges and grants receivable, net	0	3	0
	4	Accounts receivable, net	0	4	0
	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	0	5	0
	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) .	0	6	0
ţ	7	Notes and loans receivable, net	0	7	0
Assets	8	Inventories for sale or use	0	8	0
۲	9	Prepaid expenses and deferred charges	0	9	0
	10a	Land, buildings, and equipment: cost or other			
		basis. Complete Part VI of Schedule D 10a			
	b	Less: accumulated depreciation	0	10c	
	11	Investments—publicly traded securities	0	11	0
	12	Investments – other securities. See Part IV, line 11	0	12	0
	13	Investments—program-related. See Part IV, line 11	0		0
	14	Intangible assets	0		0
	15	Other assets. See Part IV, line 11	0	15	0
	16	Total assets. Add lines 1 through 15 (must equal line 33)	78,443		16,905
	17	Accounts payable and accrued expenses	0		0
	18	Grants payable	0		0
	19	Deferred revenue	0		0
	20	Tax-exempt bond liabilities	0	20	0
	21	Escrow or custodial account liability. Complete Part IV of Schedule D	0	21	0
es	22	Loans and other payables to any current or former officer, director,			
Liabilities		trustee, key employee, creator or founder, substantial contributor, or 35%			
iab		controlled entity or family member of any of these persons	0	22	0
-	23	Secured mortgages and notes payable to unrelated third parties	0	23	0
	24	Unsecured notes and loans payable to unrelated third parties	0	24	0
	25	Other liabilities (including federal income tax, payables to related third			
		parties, and other liabilities not included on lines 17–24). Complete Part X			
	00	of Schedule D	0	25	
	26	Total liabilities. Add lines 17 through 25	0	26	0
nces		Organizations that follow FASB ASC 958, check here ▶ and complete lines 27, 28, 32, and 33.			
ala	27	Net assets without donor restrictions	78,443	27	16,905
8	28	Net assets with donor restrictions	0	28	0
Net Assets or Fund Balances		Organizations that do not follow FASB ASC 958, check here ▶ ☐ and complete lines 29 through 33.			
ō	29	Capital stock or trust principal, or current funds		29	
ets	30	Paid-in or capital surplus, or land, building, or equipment fund		30	
\ss	31	Retained earnings, endowment, accumulated income, or other funds		31	
et/	32	Total net assets or fund balances	78,443	32	16,905
ž	33	Total liabilities and net assets/fund balances	78,443	33	16,905
					Form 990 (2019)

Form 990 (2019) Page **12**

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)			248	8,616
2	Total expenses (must equal Part IX, column (A), line 25)			310	0,154
3	Revenue less expenses. Subtract line 2 from line 1			-6	1,538
4	Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A)) 4			78	8,443
5	Net unrealized gains (losses) on investments				
6	Donated services and use of facilities				
7	Investment expenses				
8	Prior period adjustments				
9	Other changes in net assets or fund balances (explain on Schedule O)				
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line				
	32, column (B))			10	6,905
Part	XII Financial Statements and Reporting				_
	Check if Schedule O contains a response or note to any line in this Part XII				Ц
		_		Yes	No
1	Accounting method used to prepare the Form 990: 🗹 Cash 🗌 Accrual 🔲 Other	_			
	If the organization changed its method of accounting from a prior year or checked "Other," explain Schedule O.	in			
2a	Were the organization's financial statements compiled or reviewed by an independent accountant?	. [2a		~
	If "Yes," check a box below to indicate whether the financial statements for the year were compiled				
	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?	. [2b		~
	If "Yes," check a box below to indicate whether the financial statements for the year were audited or	n a			
	separate basis, consolidated basis, or both:				
	☐ Separate basis ☐ Consolidated basis ☐ Both consolidated and separate basis				
С	If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight	t of			
	the audit, review, or compilation of its financial statements and selection of an independent accountant?		2c		
	If the organization changed either its oversight process or selection process during the tax year, explain Schedule O.	on			
0-					
3a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in Single Audit Act and OMB Circular A-133?		3a		~
b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo				
	required audit or audits, explain why on Schedule O and describe any steps taken to undergo such audits	<u>. </u>	3b	000	

Form **990** (2019)

SCHEDULE A (Form 990 or 990-EZ)

Public Charity Status and Public Support

OMB No. 1545-0047

2019

Open to Public Inspection

Department of the Treasury Internal Revenue Service

Name of the organization

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust. ► Attach to Form 990 or Form 990-EZ.

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

Employer identification number

	Research					57-12				
Pa	t I Reason for Public Char	rity Status (All	organizations must	comple	te this p	art.) See instruction	ns.			
The o	organization is not a private founda		,		-	•				
1	☐ A church, convention of church									
2	A school described in section		,							
3	A hospital or a cooperative hos									
4	A medical research organization	•	onjunction with a hosp	oital desc	ribed in s	section 170(b)(1)(A)	(iii). Enter the			
-	hospital's name, city, and state		- 11							
5	5 An organization operated for the benefit of a college or university owned or operated by a governmental unit described in section 170(b)(1)(A)(iv). (Complete Part II.)									
6	A federal, state, or local govern	•			٠,					
7	An organization that normally			port from	a gover	nmental unit or fron	n the general public			
_	described in section 170(b)(1)									
8	A community trust described in			-						
9	An agricultural research organi or university or a non-land-gra- university:	nt college of agr	iculture (see instruction	ons). Ente	r the nan	ne, city, and state of	the college or			
10	☐ An organization that normally r	eceives: (1) mor	e than 331/3% of its si	ipport fro	m contri	butions, membershi	p fees, and gross			
	receipts from activities related support from gross investment	to its exempt tu t income and un	nctions—subject to c related business taxal	ertain exc ole incom	ceptions, ne (less s	and (2) no more tha ection 511 tax) from	n 331/3% of its businesses			
	acquired by the organization a	fter June 30, 19	75. See section 509(a	1)(2). (Cor	nplete Pa	art III.)				
11	☐ An organization organized and	•	•	-						
12	☐ An organization organized and									
	of one or more publicly suppo									
	Check the box in lines 12a thro	•	• • • • • • • • • • • • • • • • • • • •		•	•				
а	_ ,									
	the supported organization supporting organization. Ye					the directors or trust	ees of the			
	• •	-	· ·				/			
b	_ ,,									
	control or management of to organization(s). You must o				persons	that control of man	age the supported			
С		•	•		onnectio	n with and function:	ally integrated with			
·	its supported organization(any intogratod with,			
d		, ,	•		-		orted organization(s)			
_	that is not functionally integ									
	requirement (see instruction	ns). You must c	omplete Part IV, Sec	tions A a	and D, ar	nd Part V.				
е	☐ Check this box if the organ	ization received	a written determination	on from tl	ne IRS th	at it is a Type I, Type	e II, Type III			
	functionally integrated, or T						, ,,			
f	Enter the number of supported of	organizations .								
g	Provide the following information	about the supp	orted organization(s).							
	(i) Name of supported organization	(ii) EIN	(iii) Type of organization		rganization	(v) Amount of monetary	(vi) Amount of			
			(described on lines 1–10 above (see instructions))		ur governing ment?	support (see instructions)	other support (see instructions)			
							,			
				Yes	No					
(A)										
(B)										
(C)										
(D)										
(D)										
/E\										
(E)										
Toto										

18

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 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.") . . 181,873 485,213 237,919 244,484 248,616 1,398,105 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf . . . 0 0 0 0 0 0 The value of services or facilities furnished by a governmental unit to the organization without charge 0 0 0 0 Total. Add lines 1 through 3. . . . 4 181.873 485,213 237,919 244,484 248,616 1,398,105 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) 0 **Public support.** Subtract line 5 from line 4 1,398,105 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 4 181,873 485,213 237,919 248,616 244,484 1,398,105 8 Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources 0 0 0 0 0 Net income from unrelated business 9 activities, whether or not the business is regularly carried on 0 0 0 0 0 0 10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.) 0 0 0 0 0 0 **Total support.** Add lines 7 through 10 11 1,398,105 12 0 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) 13 Section C. Computation of Public Support Percentage Public support percentage for 2019 (line 6, column (f) divided by line 11, column (f)) 14 100 % Public support percentage from 2018 Schedule A, Part II, line 14 15 331/3% support test - 2019. If the organization did not check the box on line 13, and line 14 is 331/3% or more, check this box and **stop here.** The organization qualifies as a publicly supported organization 331/3% support test - 2018. If the organization did not check a box on line 13 or 16a, and line 15 is 331/3% or more, check 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 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

Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see

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 falls to quality	under the te	sis listed bei	Jw, piease co	implete rait	11.)	
	on A. Public Support						.
Calen	dar 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						
_	Add lines 7a and 7b						
8	Public support. (Subtract line 7c from						
C1:	line 6.)						
	on B. Total Support	(-) 004E	(I-) 0010	(-) 0047	(-1) 0040	(-) 0040	(6) T-+-I
	dar 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						
С	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 th	•					` ' ; '
0 1:	organization, check this box and stop her						🕨
	on C. Computation of Public Suppor			10 1 (6)		45	0/
15	Public support percentage for 2019 (line 8		•				%
16 Saati	Public support percentage from 2018 Sch					16	%
	on D. Computation of Investment Inc			aviliaa 10. aalu	(f)	47	0/
17	Investment income percentage for 2019 (I			-		17	%
18	Investment income percentage from 2018					18 221 a	% and line
19a	331/3% support tests—2019. If the organi 17 is not more than 331/3%, check this box a						
L	33 ¹ / ₃ % support tests—2018. If the organiz	_	=	-		=	_
b	line 18 is not more than 331/3%, check this b						
20	Private foundation If the organization did	_		=			

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

Cu	on A. All Supporting Organizations			
			Yes	No
1	Are all of the organization's supported organizations listed by name in the organization's governing documents? If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.	4		
_		1		
2	Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).	2		
3a	Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer	_		
Ju	(b) and (c) below.	3a		
L.		Ja		
b	Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in Part VI when and how the organization made the determination.	3b		
_		JU		
С	Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in Part VI what controls the organization put in place to ensure such use.	3с		
4a	Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes," and if you checked 12a or 12b in Part I, answer (b) and (c) below.	4a		
b	Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.	4b		
С	Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If "Yes," explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B)			
	purposes.	4c		
5a	Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in Part VI , including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action			
	was accomplished (such as by amendment to the organizing document).	5a		
b	Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?	5b		
С	Substitutions only. Was the substitution the result of an event beyond the organization's control?	5c		
6	Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? If "Yes," provide detail in Part VI .	6		
7		O		
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? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).	-		
_		7		
8	Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).	8		
9a	Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? If "Yes," provide detail in Part VI .	9a		
b	Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? If "Yes," provide detail in Part VI.	9b		
С	Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? If "Yes," provide detail in Part VI.	9c		
100		50		
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)? If "Yes," answer 10b below.	10a		
b	Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)	10b		

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

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Org	gani	zations	
1 Check here if the organization satisfied the Integral Part Test as a qualifying instructions. All other Type III non-functionally integrated supporting organ			
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			Current Year
1 Adjusted net income for prior year (from Section A, line 8, Column A)	1		
2 Enter 85% of line 1.	2		
3 Minimum asset amount for prior year (from Section B, line 8, Column A)	3		
4 Enter greater of line 2 or line 3.	4		
5 Income tax imposed in prior year	5		
6 Distributable Amount. Subtract line 5 from line 4, unless subject to			
emergency temporary reduction (see instructions).	6		
7 Check here if the current year is the organization's first as a non-functionall instructions).	y int	egrated Type III supporti	ng organization (see

Part	V Type III Non-Functionally Integrated 509(a)(3) Supporting Organi	zations (continued)	. 490 1						
Sect	ion D-Distributions			Current Year						
1	Amounts paid to supported organizations to accomplish	exempt purposes								
2	Amounts paid to perform activity that directly furthers exe organizations, in excess of income from activity	orted								
3	Administrative expenses paid to accomplish exempt purp	nizations								
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	7 Total annual distributions. Add lines 1 through 6.									
8	Distributions to attentive supported organizations to which (provide details in Part VI). See instructions.	h the organization is res	ponsive							
9	Distributable amount for 2019 from Section C, line 6									
10	Line 8 amount divided by line 9 amount									
Sect	ion 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									
а	From 2014									
b	From 2015									
С	From 2016									
d	From 2017									
е	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: \$									
а	Applied to underdistributions of prior years									
b	Applied to 2019 distributable amount									
С	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:									
а	Excess from 2015									
b	Excess from 2016									
С	Excess from 2017									
d	Excess from 2018									
е	Excess from 2019									

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

SCHEDULE I (Form 990)

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

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

OMB No. 1545-0047

Department of the Treasury Internal Revenue Service

► Attach to Form 990.

Open to Public Inspection

Name of the organization **Employer identification number OFM Research** 57-1222227 Part I **General Information on Grants and Assistance** 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 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. (f) Method of valuation 1 (a) Name and address of organization (d) Amount of cash (b) EIN (c) IRC section (e) Amount of non-(g) Description of (h) Purpose of grant (book, FMV, appraisal, or government (if applicable) grant cash assistance noncash assistance or assistance other) (1) Sch I, Stmt 1 (9) (10)(11)(12)2

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 (c) Amount of (d) Amount of (e) Method of valuation (book, (f) Description of noncash assistance recipients cash grant noncash assistance FMV, appraisal, other) 3 5 6 Supplemental Information. Provide the information required in Part I, line 2; Part III, column (b); and any other additional information. Schedule I, Part I, Line 2 - Pls at granting organizations are required to have monthly conferences with grantee. Quarterly and final reports from the grantee institution are required. These are audited and reconciled with proposed activities.

Form: **Schedule I (2019)** EIN: **57-1222227**

Page: 1 Part II, Line 1

		Recipient EIN	Amt. of cash grant	Amt. of non- cash asst.
Name and address	Johns Hopkins University	52-0595110	58,827	0
	3400 N Charles Street			
	Baltimore, MD 21218			
IRC code section	501(c)(3)			
Method of valuation	Annual financial audit			
Desc. of Non-Cash Asst.				
Purpose of grant	Conduct joint research funded by the Alfred P. Sloan Foundation. OFM			
	Research receives the Sloan Grant, and Johns Hopkins participates in the			
	designated research via a sub-award contract from OFM.			
Name and address	University of Michigan	38-6006309	14,905	0
	3014 Fleming			
	Ann Arbor, MI 48109-1340			
IRC code section	501(c)(3)			
Method of valuation	Annual financial audit			
Desc. of Non-Cash Asst.				
Purpose of grant	Conduct joint research funded by the National Science Foundation. OFM			
	Research receives the NSF Grant, and the University of Michigan			
	participates in the designated research via a sub-award contract from OFM			

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

Employer identification number Name of the organization **OFM Research** 57-1222227

Part	Questions Regarding Compensation			
			Yes	No
1a	Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form			
	990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.			
	☐ First-class or charter travel ☐ Housing allowance or residence for personal use			
	☐ Travel for companions ☐ Payments for business use of personal residence			
	Tax indemnification and gross-up payments Health or social club dues or initiation fees			
	☐ Discretionary spending account ☐ 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	1b		
_				
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?	_		
		2		
3	Indicate which, if any, of the following the organization used to establish the compensation of the			
J	organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a			
	related organization to establish compensation of the CEO/Executive Director, but explain in Part III.			
	☐ Compensation committee ☐ Written employment contract			
	☐ Independent compensation consultant ☐ Compensation survey or study			
	☐ Form 990 of other organizations ☐ 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:			
а	Receive a severance payment or change-of-control payment?	4a		~
b	Participate in, or receive payment from, a supplemental nonqualified retirement plan?	4b		~
С	Participate in, or receive payment from, an equity-based compensation arrangement?	4c		~
	If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.			
	0 ''			
_	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:			
_		Ea		
a b	The organization?	5a 5b		<i>V</i>
D	If "Yes" on line 5a or 5b, describe in Part III.	30		
	II Tes Offiline 3a of 3b, describe in Fart 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:			
а	The organization?	6a		~
b	Any related organization?	6b		~
	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	7		~
8	Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject			
	to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe			
	in Part III	8		~
_				
9	If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?			
	NGUUIGUUI 35CUUUI 35.4330°UU!!	a		Ì

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 o	f W-2 and/or 1099-MIS		(C) Retirement and	(D) Nontaxable	(E) Total of columns	(F) Compensation
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation	other deferred compensation	benefits	(B)(i)–(D)	in column (B) reported as deferred on prior Form 990
Mark S Ghiorso, Vice President	(i)	155,285	0	0	0	0	155,285	0
1	(ii)	0	0	0	0	0	0	
	(i)							
2	(ii)							
	(i)							
3	(ii)							
	(i)							
4	(ii)							
	(i)							
5	(ii)							
	(i)							
6	(ii)							
	(i)							
7	(ii)							
	(i)							
8	(ii)							
	(i)							
9	(ii)							
	(i)							
10	(ii)							
	(i)							
11	(ii)							
	(i)							
12	(ii)							
	(i)		 					
13	(ii)							
	(i)		 					
14	(ii)							
	(i)							
15	(ii)							
	(i)							
16	(ii)							

nedule J (Form 990) 2019	ge
art III Supplemental Information	
ovide 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 prany additional information.	эa

SCHEDULE O (Form 990 or 990-EZ)

Department of the Treasury

Internal Revenue Service

Name of the organization

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

Employer identification number

Open to Public Inspection

OFM Research	57-1222227
Form 990, Part VI, Section B, Line 11b - Form is reviewed by the Vice President and President of OFM Res	search for accuracy and
completeness.	
Form 990, Part VI, Section B, Line 12c - Director activities are reviewed by the President and Vice President	nt.
Form 990, Part VI, Section C, Line 19 - On request.	