

Form 990
Department of the Treasury
Internal Revenue Service

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

OMB No. 1545-0047
2018
Open to Public Inspection

A For the 2018 calendar year, or tax year beginning 07-01-2018, and ending 06-30-2019

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

C Name of organization: New York Academy of Sciences
% STEPHANIE SINDONE
Doing business as
Number and street (or P.O. box if mail is not delivered to street address) Room/suite: 7 WTC 250 GREENWICH ST
City or town, state or province, country, and ZIP or foreign postal code: NEW YORK, NY 10007

D Employer identification number: 13-1773640
E Telephone number: (212) 298-8605
G Gross receipts \$ 25,299,657

F Name and address of principal officer:
GIANCARLO BONAGURA
7 WTC 250 GREENWICH ST
NEW YORK, NY 10007

H(a) Is this a group return for subordinates?
H(b) Are all subordinates included?
H(c) Group exemption number

I Tax-exempt status: 501(c)(3) 501(c) () (insert no.) 4947(a)(1) or 527

J Website: WWW.NYAS.ORG

K Form of organization: Corporation Trust Association Other

L Year of formation: 1817

M State of legal domicile: NY

Part I Summary

1 Briefly describe the organization's mission or most significant activities:
TO ADVANCE SCIENTIFIC KNOWLEDGE, TO HELP RESOLVE THE CHALLENGES FACING SOCIETY WITH SCIENCE-BASED SOLUTIONS AND TO INCREASE THE NUMBER OF SCIENTIFICALLY INFORMED INDIVIDUALS.

Table with 2 columns: Description, Amount. Rows 2-7a: 2 Check this box, 3 Number of voting members, 4 Number of independent voting members, 5 Total number of individuals employed, 6 Total number of volunteers, 7a Total unrelated business revenue.

Table with 3 columns: Description, Prior Year, Current Year. Rows 8-12: 8 Contributions and grants, 9 Program service revenue, 10 Investment income, 11 Other revenue, 12 Total revenue.

Table with 3 columns: Description, Prior Year, Current Year. Rows 13-19: 13 Grants and similar amounts paid, 14 Benefits paid, 15 Salaries, 16a Professional fundraising fees, 17 Other expenses, 18 Total expenses, 19 Revenue less expenses.

Table with 3 columns: Description, Beginning of Current Year, End of Year. Rows 20-22: 20 Total assets, 21 Total liabilities, 22 Net assets or fund balances.

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.

Sign Here: Signature of officer (GIANCARLO BONAGURA EVP & COO), Date (2020-06-04)

Paid Preparer Use Only: Print/Type preparer's name (WILLIAM EPSTEIN), Preparer's signature (WILLIAM EPSTEIN), Date, Check self-employed, PTIN (P01307171), Firm's name (EISNERAMPER LLP), Firm's EIN, Firm's address (750 THIRD AVENUE, NEW YORK, NY 100172703), Phone no. (212) 949-8700

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

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line in this Part III Yes No

1 Briefly describe the organization's mission:

TO ADVANCE SCIENTIFIC KNOWLEDGE, TO HELP RESOLVE THE MAJOR GLOBAL CHALLENGES FACING SOCIETY WITH SCIENCE-BASED SOLUTIONS, AND TO INCREASE THE NUMBER OF SCIENTIFICALLY INFORMED INDIVIDUALS.

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? Yes No

If "Yes," describe these new services on Schedule O.

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? Yes No

If "Yes," describe these changes on Schedule O.

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

4a (Code:) (Expenses \$ **790,301** including grants of \$) (Revenue \$ **0**)
MEMBERSHIP (SEE SCHEDULE O)





















4b (Code:) (Expenses \$ **1,609,279** including grants of \$) (Revenue \$ **2,497,806**)
PUBLICATIONS (SEE SCHEDULE O)

4c (Code:) (Expenses \$ **18,770,291** including grants of \$ **2,618,629**) (Revenue \$ **1,567,514**)
SCIENTIFIC CONFERENCES (SEE SCHEDULE O)

4d Other program services (Describe in Schedule O.)
(Expenses \$ including grants of \$) (Revenue \$)

4e Total program service expenses **21,169,871**

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> 	Yes	
2	Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> (see instructions)? 	Yes	
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>		No
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>		No
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>		No
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> 		No
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> 		No
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> 		No
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> 		No
10	Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? <i>If "Yes," complete Schedule D, Part V</i> 	Yes	
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> 	Yes	
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> 		No
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> 		No
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> 	Yes	
e	Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X</i> 	Yes	
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> 	Yes	
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> 		No
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> 	Yes	
13	Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E</i>		No
14a	Did the organization maintain an office, employees, or agents outside of the United States?	Yes	
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>	Yes	
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> 	Yes	
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> 	Yes	
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) 	Yes	
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> 	Yes	
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> 		No
20a	Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>		No
b	If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
20b			

Part IV Checklist of Required Schedules (continued)

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>	21		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>	22	Yes	
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>	23	Yes	
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>	24a		No
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	24b		
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?	24c		
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	24d		
25a	Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>	25a		No
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>	25b		No
26	Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If "Yes," complete Schedule L, Part II</i>	26		No
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III</i>	27		No
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, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28a		No
b	A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28b		No
c	An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV</i>	28c		No
29	Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	29	Yes	
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>	30		No
31	Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>	31		No
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>	32		No
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>	33	Yes	
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>	34	Yes	
35a	Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a		No
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>	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		No
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		No
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	Yes	

Part V Statements Regarding Other IRS Filings and Tax Compliance

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

Table with columns for question number, question text, and Yes/No columns. Includes sections for gaming winnings, employee reporting, foreign accounts, tax shelter transactions, charitable contributions, and 501(c)(7), (12), and (29) organizations.

Part VI Governance, Management, and Disclosure

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

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

Section A. Governing Body and Management

Table with 3 columns: Question, Yes, No. Rows include: 1a (18), 1b (18), 2, 3, 4, 5, 6, 7a, 7b, 8, 8a, 8b, 9.

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

Table with 3 columns: Question, Yes, No. Rows include: 10a, 10b, 11a, 11b, 12a, 12b, 12c, 13, 14, 15a, 15b, 16a, 16b.

Section C. Disclosure

Table with 2 columns: Question, Answer. Rows include: 17 (List the States... NY), 18 (Section 6104...), 19 (Describe in Schedule O...), 20 (State the name, address, and telephone number...).

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

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

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

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

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

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

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

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted 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 PAUL HORN CHAIR	2.0 1.0	X		X				0	0	0
(2) THOMAS POMPIDOU VICE CHAIR	2.0 1.0	X		X				0	0	0
(3) DONNA MILROD TREASURER (THROUGH 12/18)	2.0 0.0	X		X				0	0	0
(4) DR ELLEN DE BRABANDER APPOINTED GOVERNOR	2.0 0.0	X						0	0	0
(5) JACQUELINE CORBELLI GOVERNOR	2.0 0.0	X						0	0	0
(6) DR MIKAEL DOLSTEN GOVERNOR	2.0 0.0	X						0	0	0
(7) DR MARYELLEN ELIA GOVERNOR	2.0 0.0	X						0	0	0
(8) DR ELAINE FUCHS GOVERNOR	2.0 0.0	X						0	0	0
(9) BETH JACOBS GOVERNOR	2.0 0.0	X						0	0	0
(10) DR JOHN KELLY III GOVERNOR	2.0 0.0	X						0	0	0
(11) SEEMA KUMAR GOVERNOR	2.0 0.0	X						0	0	0
(12) PABLO LEGORRETA GOVERNOR	2.0 0.0	X						0	0	0
(13) DR DAVID KA MORDECAI GOVERNOR	2.0 0.0	X						0	0	0
(14) DR GREGORY PETSKO GOVERNOR	2.0 0.0	X						0	0	0
(15) DR KATHE A SACKLER GOVERNOR (THROUGH 4/19)	2.0 0.0	X						0	0	0
(16) MORTIMER DA SACKLER GOVERNOR (THROUGH 4/19)	2.0 0.0	X						0	0	0
(17) PETER THORN GOVERNOR	2.0 0.0	X						0	0	0

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(18) DR GRACE WANG GOVERNOR	2.0 0.0	X						0	0	0
(19) DR MICHAEL W YOUNG GOVERNOR	2.0 0.0	X						0	0	0
(20) NADAV ZAFRIR GOVERNOR	2.0 0.0	X						0	0	0
(21) MICHAEL ZIGMAN GOVERNOR	2.0 0.0	X						0	0	0
(22) DR NANCY ZIMPHER CHAIR EMERITUS (THROUGH 9/18)	2.0 0.0	X						0	0	0
(23) ELLIS RUBINSTEIN PRESIDENT & CEO [ex-officio]	35.0 0.0			X				374,013	0	27,453
(24) THERESA WESTCOTT EVP & COO (THROUGH 10/18)	35.0 0.0			X				234,551	0	22,419
(25) GIANCARLO BONAGURA EVP & COO (AS OF 3/19)	35.0 0.0			X				0	0	0
(26) LARRY SMITH SECRETARY	35.0 0.0			X				84,009	0	21,043
(27) REUBEN ADVANI CEO, GLBL STEM (THROUGH 12/19)	35.0 0.0					X		318,746	0	30,276
(28) GILLES BERGERON EXEC. DIR., NUTRITION SCIENCE	35.0 0.0					X		236,831	0	12,633
(29) WENDY SCHNEIDER SVP & CHIEF ADMIN OFFICER	35.0 0.0					X		225,803	0	20,876
(30) BROOKE URQUHART GRINDLINGER CHIEF SCIENTIFIC OFFICER	35.0 0.0					X		213,586	0	12,312
(31) MARGARET CERES SVP, COMMUNICATIONS & NETWORK	35.0 0.0					X		210,271	0	18,929

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

1b Sub-Total			
c Total from continuation sheets to Part VII, Section A			
d Total (add lines 1b and 1c)	1,897,810	0	165,941

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 2**

	Yes	No
3 Did the organization list any former officer, director or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i>		No
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>	Yes	
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>		No

Section B. Independent Contractors

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

(A) Name and business address	(B) Description of services	(C) Compensation
Ruby Stone Productions, 155 East 34th Street Suite 8G NEW YORK, NY 10016	Event Planning	1,490,560
Lorraine Hariton, 255 Huguenot Street Apt 1018 NEW ROCHELLE, NY 10801	Prof. Fundraiser	189,748
Strong Studio NYC LLC, 222 Broadway 18th Floor NEW YORK, NY 10038	DESIGN AGENCY	112,010

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization **3**

Part VIII Statement of Revenue

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

Main table with columns (A) Total revenue, (B) Related or exempt function revenue, (C) Unrelated business revenue, (D) Revenue excluded from tax under sections 512-514. Rows include Contributions, Gifts, Grants and Other Similar Amounts; Program Service Revenue; and Other Revenue.

Contributions, Gifts, Grants and Other Similar Amounts

Program Service Revenue

Other Revenue

Part IX Statement of Functional Expenses

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

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

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.

	(A) 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	0			
2 Grants and other assistance to individuals in the United States. See Part IV, line 22	1,329,724	1,329,724		
3 Grants and other assistance to governments, organizations, and individuals outside the United States. See Part IV, lines 15 and 16	1,288,905	1,288,905		
4 Benefits paid to or for members	0			
5 Compensation of current officers, directors, trustees, and key employees	663,700	446,454	127,391	89,855
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			
7 Other salaries and wages	8,641,033	5,557,428	1,753,998	1,329,607
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	363,918	239,375	67,835	56,708
9 Other employee benefits	875,287	575,739	163,155	136,393
10 Payroll taxes	699,368	460,024	130,363	108,981
11 Fees for services (non-employees):				
a Management	0			
b Legal	169,024		169,024	
c Accounting	69,895		69,895	
d Lobbying	0			
e Professional fundraising services. See Part IV, line 17	44,525			44,525
f Investment management fees	13,482		13,482	
g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O)	6,482,417	6,059,352	190,287	232,778
12 Advertising and promotion	0			
13 Office expenses	349,776	189,024	116,628	44,124
14 Information technology	0			
15 Royalties	0			
16 Occupancy	1,922,106	1,240,143	388,843	293,120
17 Travel	1,272,015	1,256,825	8,594	6,596
18 Payments of travel or entertainment expenses for any federal, state, or local public officials	0			
19 Conferences, conventions, and meetings	0			
20 Interest	35,054	25,507	6,584	2,963
21 Payments to affiliates	0			
22 Depreciation, depletion, and amortization	1,632,204	1,053,757	329,820	248,627
23 Insurance	95,218	61,451	19,247	14,520
24 Other expenses. Itemize expenses not covered above (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
a FOOD AND RECEPTION	741,178	638,809	71,185	31,184
b EQUIPMENT RENTAL AND MAINTENAN	480,100	335,988	73,390	70,722
c SUBSCRIPTIONS AND PUBLICATIONS	165,693	151,931	1,852	11,910
d PRINTING	90,923	64,049	916	25,958
e All other expenses	348,547	195,386	115,450	37,711
25 Total functional expenses. Add lines 1 through 24e	27,774,092	21,169,871	3,817,939	2,786,282
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 <input type="checkbox"/> if following SOP 98-2 (ASC 958-720).				

Part X Balance Sheet

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

		(A) Beginning of year		(B) End of year
Assets	1 Cash-non-interest-bearing	383,566	1	818,090
	2 Savings and temporary cash investments	1,920,784	2	2,038,601
	3 Pledges and grants receivable, net	12,988,880	3	10,176,281
	4 Accounts receivable, net	7,411	4	48,892
	5 Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L	0	5	0
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions) Complete Part II of Schedule L	0	6	0
	7 Notes and loans receivable, net	0	7	0
	8 Inventories for sale or use	0	8	0
	9 Prepaid expenses and deferred charges	216,094	9	245,181
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	13,575,030		
	b Less: accumulated depreciation	11,740,931		
	11 Investments—publicly traded securities	4,124,603	11	2,823,483
	12 Investments—other securities. See Part IV, line 11	0	12	0
	13 Investments—program-related. See Part IV, line 11	0	13	0
	14 Intangible assets	0	14	0
	15 Other assets. See Part IV, line 11	1,600,989	15	1,325,010
16 Total assets. Add lines 1 through 15 (must equal line 34)	24,313,996	16	19,309,637	
Liabilities	17 Accounts payable and accrued expenses	2,778,457	17	3,019,517
	18 Grants payable	0	18	0
	19 Deferred revenue	1,142,494	19	1,458,156
	20 Tax-exempt bond liabilities	0	20	0
	21 Escrow or custodial account liability. Complete Part IV of Schedule D	0	21	0
	22 Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L	0	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 of Schedule D	1,552,469	25	1,148,349
	26 Total liabilities. Add lines 17 through 25	5,473,420	26	5,626,022
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.			
	27 Unrestricted net assets	1,374,035	27	-1,351,476
	28 Temporarily restricted net assets	17,056,859	28	14,625,409
	29 Permanently restricted net assets	409,682	29	409,682
	Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.			
	30 Capital stock or trust principal, or current funds		30	
	31 Paid-in or capital surplus, or land, building or equipment fund		31	
	32 Retained earnings, endowment, accumulated income, or other funds		32	
33 Total net assets or fund balances	18,840,576	33	13,683,615	
34 Total liabilities and net assets/fund balances	24,313,996	34	19,309,637	

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	23,618,059
2	Total expenses (must equal Part IX, column (A), line 25)	2	27,774,092
3	Revenue less expenses. Subtract line 2 from line 1	3	-4,156,033
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	18,840,576
5	Net unrealized gains (losses) on investments	5	11,802
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain in Schedule O)	9	-1,012,730
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33,	10	13,683,615

Part XII Financial Statements and Reporting

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

		Yes	No
1	Accounting method used to prepare the Form 990: <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O.		
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: <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		No
b	Were the organization's financial statements audited by an independent accountant? If 'Yes,' check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both: <input type="checkbox"/> Separate basis <input checked="" type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis	Yes	
c	If "Yes," to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O.	Yes	
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?		No
b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits.		

Additional Data

Return to Form

Software ID:

Software Version:

Form 990, Special Condition Description:

Special Condition Description

2018

Open to Public Inspection

SCHEDULE A (Form 990 or 990EZ)

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.

Attach to Form 990 or Form 990-EZ.

Information about Schedule A (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

Department of the Treasury Internal Revenue Service

Name of the organization New York Academy of Sciences

Employer identification number

13-1773640

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

The organization is not a private foundation because it is: (For lines 1 through 11, check only one box.)

- 1 A church, convention of churches, or association of churches described in section 170(b)(1)(A)(i).
2 A school described in section 170(b)(1)(A)(ii). (Attach Schedule E.)
3 A hospital or a cooperative hospital service organization described in section 170(b)(1)(A)(iii).
4 A medical research organization operated in conjunction with a hospital described in section 170(b)(1)(A)(iii).
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).
6 A federal, state, or local government or governmental unit described in section 170(b)(1)(A)(v).
7 An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in section 170(b)(1)(A)(vi).
8 A community trust described in section 170(b)(1)(A)(vi).
9 An organization that normally receives: (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions...
10 An organization organized and operated exclusively to test for public safety.
11 An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations...
a Type I. A supporting organization operated, supervised, or controlled by its supported organization(s)...
b Type II. A supporting organization supervised or controlled in connection with its supported organization(s)...
c Type III functionally integrated. A supporting organization operated in connection with, and functionally integrated with, its supported organization(s)...
d Type III non-functionally integrated. A supporting organization operated in connection with its supported organization(s) that is not functionally integrated...
e Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization.
f Enter the number of supported organizations
g Provide the following information about the supported organization(s).

Table with 6 columns: (i) Name of supported organization, (ii) EIN, (iii) Type of organization, (iv) Is the organization listed in your governing document?, (v) Amount of monetary support, (vi) Amount of other support. Includes a Total row at the bottom.

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)2010	(b)2011	(c)2012	(d)2013	(e)2018	(f)Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")						
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						
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)						
6 Public support. Subtract line 5 from line 4.						

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a)2010	(b)2011	(c)2012	(d)2013	(e)2018	(f)Total
7 Amounts from line 4.						
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
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.						

12 Gross receipts from related activities, etc. (see instructions) **12**

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

Section C. Computation of Public Support Percentage

14 Public support percentage for 2018 (line 6, column (f) divided by line 11, column (f))	14
15 Public support percentage for 2013 Schedule A, Part II, line 14	15

16a 33 1/3% support test—2018. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and **stop here.** The organization qualifies as a publicly supported organization

b 33 1/3% support test—2013. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and **stop here.** The organization qualifies as a publicly supported organization

17a 10%-facts-and-circumstances test—2018. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and **stop here.** Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization

b 10%-facts-and-circumstances test—2013. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and **stop here.** Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization

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

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

(Complete only if you checked the box on line 9 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) 2010	(b) 2011	(c) 2012	(d) 2013	(e) 2018	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	21,375,827	21,461,236	20,427,987	23,582,004	19,376,979	106,224,033
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	4,166,507	3,658,693	3,889,522	3,934,611	4,065,320	19,714,653
3 Gross receipts from activities that are not an unrelated trade or business under section 513.						0
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						0
5 The value of services or facilities furnished by a governmental unit to the organization without charge						0
6 Total. Add lines 1 through 5.	25,542,334	25,119,929	24,317,509	27,516,615	23,442,299	125,938,686
7a Amounts included on lines 1, 2, and 3 received from disqualified persons.	8,941,608	4,511,432	4,363,151	9,589,490	10,460,769	37,866,450
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.	6,534,915	3,019,459	10,063,311			19,617,685
c Add lines 7a and 7b.	15,476,523	7,530,891	14,426,462	9,589,490	10,460,769	57,484,135
8 Public support (Subtract line 7c from line 6.)						68,454,551

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2010	(b) 2011	(c) 2012	(d) 2013	(e) 2018	(f) Total
9 Amounts from line 6.	25,542,334	25,119,929	24,317,509	27,516,615	23,442,299	125,938,686
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	174,744	236,490	121,882	88,705	96,834	718,655
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975.	-10,219	0	0	0	0	-10,219
c Add lines 10a and 10b.	164,525	236,490	121,882	88,705	96,834	708,436
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on.						0
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)	29,076	18,456	18,117	17,339	1,526	84,514
13 Total support. (Add lines 9, 10c, 11, and 12.)	25,735,935	25,374,875	24,457,508	27,622,659	23,540,659	126,731,636
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 <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

15 Public support percentage for 2018 (line 8, column (f) divided by line 13, column (f))	15	54.015 %
16 Public support percentage from 2013 Schedule A, Part III, line 15	16	54.158 %

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2018 (line 10c, column (f) divided by line 13, column (f))	17	0.559 %
18 Investment income percentage from 2013 Schedule A, Part III, line 17	18	0.835 %

19a 33 1/3% support tests—2018. If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization

b 33 1/3% support tests—2013. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization

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

Part IV Supporting Organizations

(Complete only if you checked a box on line 11 of Part I. If you checked 11a of Part I, complete Sections A and B. If you checked 11b of Part I, complete Sections A and C. If you checked 11c of Part I, complete Sections A, D, and E. If you checked 11d 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 11a or 11b 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 (a) its supported organizations; (b) individuals that are part of the charitable class benefited by one or more of its supported organizations; or (c) 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 (defined in IRC 4958(c)(3)(C)), a family member of a substantial contributor, or a 35-percent controlled entity with regard to a substantial contributor? <i>If "Yes," complete Part I of Schedule L (Form 990) .</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 II of Schedule L (Form 990).</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 9(a)) 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 9(a)) 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 IRC 4943 because of IRC 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? <i>If "Yes," answer b 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)

- 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? *If "Yes" to a, b, or c, provide detail in Part VI.*

	Yes	No
11a		
11b		
11c		

Section B. Type I Supporting Organizations

- 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.*
- 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.*

	Yes	No
1		
2		

Section C. Type II Supporting Organizations

- 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).*

	Yes	No
1		

Section D. All Type III Supporting Organizations

- 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, (1) a written notice describing the type and amount of support provided during the prior tax year, (2) a copy of the Form 990 that was most recently filed as of the date of notification, and (3) 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? *If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).*
- 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.*

	Yes	No
1		
2		
3		

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** The organization satisfied the Activities Test. Complete **line 2** below.
- b** The organization is the parent of each of its supported organizations. Complete **line 3** below.
- c** 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? *If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.*
- b** Did the activities described in (a) constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? *If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.*

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? *Provide details in Part VI.*
- b** Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? *If "Yes," describe in Part VI the role played by the organization in this regard.*

	Yes	No
2a		
2b		
3a		
3b		

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. **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
1 Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):	1	
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 <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)		

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 2018 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-2018	(iii) Distributable Amount for 2018
1 Distributable amount for 2018 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2018 (reasonable cause required--see instructions)			
3 Excess distributions carryover, if any, to 2018:			
a From 2009. X			
b From 2010. X			
c From 2011. X			
d From 2012. X			
e From 2013.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2018 distributable amount			
i Carryover from 2009 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from 3f.			
4 Distributions for 2018 from Section D, line 7: \$			
a Applied to underdistributions of prior years			
b Applied to 2018 distributable amount			
c Remainder. Subtract lines 4a and 4b from 4.			
5 Remaining underdistributions for years prior to 2018, if any. Subtract lines 3g and 4a from line 2 (if amount greater than zero, see instructions)			
6 Remaining underdistributions for 2018. Subtract lines 3h and 4b from line 1 (if amount greater than zero, see instructions)			
7 Excess distributions carryover to 2015. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a From 2010. X			
b From 2011. X			
c From 2012. X			
d From 2013.			
e From 2018.			

Part VI Supplemental Information.

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

Facts And Circumstances Test

Return Reference	Explanation
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Additional Data

Return to Form

Software ID:
Software Version:

Schedule B

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

Department of the Treasury
Internal Revenue Service

Schedule of Contributors

OMB No. 1545-0047

2018

▶ Attach to Form 990, 990-EZ, or 990-PF.
▶ Information about Schedule B (Form 990, 990-EZ, or 990-PF) and its instructions is at www.irs.gov/form990.

Name of the organization
New York Academy of Sciences

Employer identification number
13-1773640

Organization type (check one):

Filers of:

Section:

Form 990 or 990-EZ

- 501(c)() (enter number) organization
- 4947(a)(1) nonexempt charitable trust **not** treated as a private foundation

Form 990-PF

- 527 political organization
- 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 other 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 33¹/₃% 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. Do not 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 is not covered by the General Rule and/or the Special Rules does not 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 990PF, Part I, line 2, to certify that it does not meet the filing requirements of Schedule B (Form 990, 990-EZ, or 990-PF).

Name of organization
New York Academy of Sciences

Employer identification number
13-1773640

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
<u>RESTRICTED</u>		\$ <u>RESTRICTED</u>	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
-		\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
-		\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
-		\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
-		\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
-		\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)

Name of organization
New York Academy of Sciences

Employer identification number
13-1773640

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
_____	_____ _____ _____	_____ \$	_____
_____	_____ _____ _____	_____ \$	_____
_____	_____ _____ _____	_____ \$	_____
_____	_____ _____ _____	_____ \$	_____
_____	_____ _____ _____	_____ \$	_____
_____	_____ _____ _____	_____ \$	_____
_____	_____ _____ _____	_____ \$	_____
_____	_____ _____ _____	_____ \$	_____
_____	_____ _____ _____	_____ \$	_____

Name of organization New York Academy of Sciences	Employer identification number 13-1773640
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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 information once. See instructions.)* ▶ \$ _____

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	
_____ _____		_____ _____	
(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	
_____ _____		_____ _____	
(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	
_____ _____		_____ _____	
(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	
_____ _____		_____ _____	

Additional Data

Return to Form

Software ID:

Software Version:

SCHEDULE D
(Form 990)

Supplemental Financial Statements

OMB No. 1545-0047

2018

Open to Public Inspection

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

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

Department of the Treasury
Internal Revenue Service

Name of the organization
New York Academy of Sciences

Employer identification number
13-1773640

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts.
Complete if the organization answered "Yes" to 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" to Form 990, Part IV, line 7.

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

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

	Held at the End of the Year
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 8/17/06, 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? Yes No

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

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

8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)? Yes No

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

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

1a If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items.

b If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items:

(i) Revenue included in Form 990, Part VIII, line 1 ▶ \$ _____

(ii) Assets included in Form 990, Part X ▶ \$ _____

2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items:

a Revenue included in Form 990, Part VIII, line 1 ▶ \$ _____

b Assets included in Form 990, Part X ▶ \$ _____

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

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

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

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

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

Part IV Escrow and Custodial Arrangements.

Complete if the organization answered "Yes" to 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:

- c** Beginning balance
- d** Additions during the year
- e** Distributions during the year
- f** Ending balance

	Amount
1c	
1d	
1e	
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 in Part XIII

Part V Endowment Funds. Complete if the organization answered "Yes" to 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	706,306	659,675	597,326	595,216	593,989
b Contributions					
c Net investment earnings, gains, and losses	44,516	46,631	62,349	2,110	1,227
d Grants or scholarships					
e Other expenditures for facilities and programs					
f Administrative expenses					
g End of year balance	750,822	706,306	659,675	597,326	595,216

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

- a** Board designated or quasi-endowment ▶ 0 %
- b** Permanent endowment ▶ 55.000 %
- c** Temporarily restricted endowment ▶ 45.000 %

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

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

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

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

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

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

Part VI Land, Buildings, and Equipment.

Complete if the organization answered 'Yes' to 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		9,630,961	8,321,984	1,308,977
d Equipment		3,944,069	3,418,947	525,122
e Other				
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10(c).) . . . ▶				1,834,099

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

Complete if the organization answered 'Yes' to Form 990, Part IV, line 12a.

1	Total revenue, gains, and other support per audited financial statements		1	23,616,379
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:			
a	Net unrealized gains (losses) on investments	2a	11,802	
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	11,802
3	Subtract line 2e from line 1		3	23,604,577
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	13,482	
b	Other (Describe in Part XIII.)	4b		
c	Add lines 4a and 4b		4c	13,482
5	Total revenue. Add lines 3 and 4c . (This must equal Form 990, Part I, line 12.)		5	23,618,059

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

Complete if the organization answered 'Yes' to Form 990, Part IV, line 12a.

1	Total expenses and losses per audited financial statements		1	28,773,340
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	1,012,730	
e	Add lines 2a through 2d		2e	1,012,730
3	Subtract line 2e from line 1		3	27,760,610
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	13,482	
b	Other (Describe in Part XIII.)	4b		
c	Add lines 4a and 4b		4c	13,482
5	Total expenses. Add lines 3 and 4c . (This must equal Form 990, Part I, line 18.)		5	27,774,092

Part XIII Supplemental Information

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

Return Reference	Explanation
Form 990, Schedule D, Part V, line 4:	The Academy's endowment consists of donor-restricted funds established for a variety of purposes. For fiscal year 2019, the Academy's endowment consisted of 16 donor-restricted funds.
Form 990, Schedule D, Part X, line 2:	The Academy is subject to the provisions of the Financial Accounting Standards Board's (the "FASB") Accounting Standards Codification ("ASC") Topic 740, Income Taxes, as it relates to accounting and reporting for uncertainty in income taxes. Since the Academy has always recorded any potential tax liabilities and due to its general not-for-profit status, ASC Topic 740 has not had, and is not anticipated to have, a material impact on the Academics consolidated financial statements.
Form 990, Schedule D, Part XII, Line 2D:	LOSS ON UNCOLLECTIBLE PLEDGES OF \$512,730 AND REFUND OF CONTRIBUTIONS OF \$500,000.

Additional Data

[**Return to Form**](#)

Software ID:

Software Version:

2018

Open to Public Inspection

SCHEDULE F (Form 990)

Statement of Activities Outside the United States

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

Attach to Form 990. See separate instructions.

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

Department of the Treasury Internal Revenue Service

Name of the organization

Employer identification number

13-1773640

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

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

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

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

Table with 6 columns: (a) Region, (b) Number of offices in the region, (c) Number of employees, agents, and independent contractors in region, (d) Activities conducted in region (by type), (e) If activity listed in (d) is a program service, describe specific type of service(s) in region, (f) Total expenditures for and investments in region. Rows include Europe (Including Iceland and Greenland), North America, and Europe (Including Iceland and Greenland) with values for offices, employees, and expenditures.

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

1	(a) Name of organization	(b) IRS code section and EIN (if applicable)	(a)(c) Region	(b)(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
(1)			Europe (Including Iceland and Greenland)	GENERAL	7,782	WIRE			FMV
(2)			North America	RESEARCH	483,594	WIRE			FMV
(3)			Europe (Including Iceland and Greenland)	RESEARCH	17,529	WIRE			FMV
(4)									
(5)									
(6)									
(7)									
(8)									
(9)									
(10)									
(11)									
(12)									
(13)									
(14)									
(15)									
(16)									

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 1

3 Enter total number of other organizations or entities 2

Part III Grants and Other Assistance to Individuals Outside the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 16.

Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
(1) BLAVATNIK UK AWARDS	Europe (Including Iceland and Greenland)	9	480,000	WIRE			FMV
(2) BLAVATNIK ISRAEL AWARDS	Middle East and North Africa	3	300,000	WIRE			FMV
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							
(11)							
(12)							
(13)							
(14)							
(15)							
(16)							
(17)							
(18)							

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 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)* 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 file Form 5713, International Boycott Report (see Instructions for Form 5713).* 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).

ReturnReference	Explanation
SCHEDULE F, PART I, LINE 2	THE ACADEMY MONITORS AND TRACKS FOREIGN GRANTMAKING ACTIVITIES ON AN ONGOING BASIS.
SCHEDULE F, PART I, LINE 3, COLUMN (F)	AMOUNTS ARE REPORTED ON THE ACCRUAL BASIS.
SCHEDULE F, PART III, LINE 1	The Blavatnik Awards for Young Scientists in the UK celebrates the UK's most innovative and promising faculty-rank scientists and engineers. Finalists and winners in each of the three disciplinary categories (Life Sciences, Physical Sciences & Engineering, and Chemistry) receive financial support without donor restrictions thanks to the generosity of the Blavatnik Charitable Foundation. The amount for fiscal year 2019 was 9 recipients totaling \$480,000.
SCHEDULE F, PART III, LINE 2	The Blavatnik Awards for Young Scientists in Israel celebrate Israel's most innovative and promising faculty-rank scientists and engineers. In 2019, one nominee in each of the three disciplinary categories (Life Sciences, Physical Sciences & Engineering, and Chemistry) was named a Blavatnik Laureate and received financial support without donor restrictions thanks to the generosity of the Blavatnik Charitable Foundation. The amount for fiscal year 2019 was 3 recipients totaling \$100,000.

Additional Data

Software ID:

Software Version:

SCHEDULE G (Form 990 or 990-EZ)

Supplemental Information Regarding Fundraising or Gaming Activities

OMB No. 1545-0047

2018

Open to Public Inspection

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

Attach to Form 990 or Form 990-EZ.

Information about Schedule G (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

Department of the Treasury Internal Revenue Service

Name of the organization New York Academy of Sciences

Employer identification number

13-1773640

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

1 Indicate whether the organization raised funds through any of the following activities. Check all that apply.

- a Mail solicitations, b Internet and email solicitations, c Phone solicitations, d In-person solicitations, e Solicitation of non-government grants, f Solicitation of government grants, g Special fundraising events

2a Did the organization have a written or oral agreement with any individual (including officers, directors, trustees or key employees listed in Form 990, Part VII) or entity in connection with professional fundraising services? Yes No

b If "Yes," list the ten highest paid individuals or entities (fundraisers) pursuant to agreements under which the fundraiser is to be compensated at least \$5,000 by the organization.

Table with 6 columns: (i) Name and address of individual or entity (fundraiser), (ii) Activity, (iii) Did fundraiser have custody or control of contributions?, (iv) Gross receipts from activity, (v) Amount paid to (or retained by) fundraiser listed in col. (i), (vi) Amount paid to (or retained by) organization. Row 1: Lorraine Hariton, Prof. FundRaiser, No, 460,000, 44,525, 415,475.

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

NY

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

Revenue		(a)Event #1	(b) Event #2	(c)Other events	(d)
		(event type)	(event type)	0 (total number)	Total events (add col. (a) through col. (c))
1	Gross receipts	608,084			608,084
2	Less: Contributions	446,581			446,581
3	Gross income (line 1 minus line 2)	161,503			161,503
Direct Expenses	4 Cash prizes				
	5 Noncash prizes				
	6 Rent/facility costs	161,503			161,503
	7 Food and beverages				
	8 Entertainment				
	9 Other direct expenses				
10	Direct expense summary. Add lines 4 through 9 in column (d)				161,503
11	Net income summary. Subtract line 10 from line 3, column (d)				

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

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

9 Enter the state(s) in which the organization conducts gaming activities: _____

a Is the organization licensed to conduct gaming activities in each of these states? Yes No

b If "No," explain: _____

10a Were any of the organization's gaming licenses revoked, suspended or terminated during the tax year? Yes No

b If "Yes," explain: _____

11 Does the organization conduct gaming activities with nonmembers? Yes No

12 Is the organization a grantor, beneficiary or trustee of a trust or a member of a partnership or other entity formed to administer charitable gaming? Yes No

13 Indicate the percentage of gaming activity conducted in:

a The organization's facility	13a	%
b An outside facility	13b	%

14 Enter the name and address of the person who prepares the organization's gaming/special events books and records:

Name ▶ -----

Address ▶ -----

15a Does the organization have a contract with a third party from whom the organization receives gaming revenue? Yes No

b If "Yes," enter the amount of gaming revenue received by the organization ▶ \$ _____ and the amount of gaming revenue retained by the third party ▶ \$ _____.

c If "Yes," enter name and address of the third party:

Name ▶ -----

Address ▶ -----

16 Gaming manager information:

Name ▶ -----

Gaming manager compensation ▶ \$ -----

Description of services provided ▶ -----

Director/officer Employee Independent contractor

17 Mandatory distributions:

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

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

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

Return Reference	Explanation
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Schedule I (Form 990)

Grants and Other Assistance to Organizations, Governments and Individuals in the United States

OMB No. 1545-0047

2018

Open to Public Inspection

Complete if the organization answered "Yes," to Form 990, Part IV, line 21 or 22.

Attach to Form 990.

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

Department of the Treasury Internal Revenue Service

Name of the organization New York Academy of Sciences

Employer identification number

13-1773640

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance...
2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

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

Table with 8 columns: (a) Name and address of organization or government, (b) EIN, (c) IRC section if applicable, (d) Amount of cash grant, (e) Amount of non-cash assistance, (f) Method of valuation, (g) Description of non-cash assistance, (h) Purpose of grant or assistance. Rows 1-12.

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

Part III Grants and Other Assistance to Domestic Individuals. Complete if the organization answered "Yes" to 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 non-cash assistance
(1) UTC AEROSPACE CHALLENGE	25	21,837		FMV	
(2) BLAVATNIK REGIONAL AWARDS	9	150,000		FMV	
(3) BLAVATNIK NATIONAL AWARDS	3	750,000		FMV	
(4) TAKEDA INNOVATORS IN SCIENCE AWARDS	2	400,000		FMV	
(5) SOLJACIC PRIZE FOR GIFTED CROATIAN CHILDREN	1	5,000		FMV	
(5)					
(6)					
(7)					

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

Return Reference	Explanation
FORM 990, SCHEDULE I, LINE 1	#1 - THE ACADEMY joined forces with United Technologies Corporation ("UTC") to develop an exciting free competition that could result in greener, more environmentally responsible urban buildings. Participates were ages 13-18. THE AMOUNT FOR Fiscal year 2019 WAS 25 RECIPIENTS TOTALING \$21,837. #2 - The Blavatnik Regional Awards for Young Scientists - The Award was created in 2007 to acknowledge the excellence of our most noteworthy young scientists and engineers in New York, New Jersey, and Connecticut. Finalists and winners receive financial support without donor restrictions thanks to the generosity of the Blavatnik Charitable Foundation. The amount for fiscal year 2019 was 9 recipients totaling \$150,000. #3 - Blavatnik National Awards for Young Scientists celebrates America's most innovative and promising faculty-rank scientists and engineers. In 2019, one nominee in each of the three disciplinary categories (Life Sciences, Physical Sciences & Engineering, and Chemistry) was named a Blavatnik Laureate and received financial support without donor restrictions thanks to the generosity of the Blavatnik Charitable Foundation. The amount for fiscal year 2019 was 3 recipients totaling \$750,000. #4 - Takeda Innovators in Science Awards recognizes and celebrates disruptive and transformative research in areas among which Takeda has focused its drug discovery: neuroscience, gastroenterology, oncology, and regenerative medicine, conducted across the world by promising Early-Career Scientists and outstanding Senior Scientists. The second year of the four-year award program focused on frontiers in regenerative medicine by research from major universities and renowned medical centers. The amount for fiscal year 2019 was 2 recipients totaling \$400,000. #5 - THE SOLJANIC PRIZE FOR GIFTED CROATIAN CHILDREN WAS ESTABLISHED TO CELEBRATE THE MOST PROMISING, NOTEWORTHY, HIGH SCHOOL SCIENCE STUDENTS IN CROATIA. THE PRIZE WILL EMPHASIZE THE IMPORTANCE OF ENCOURAGING YOUNGER KIDS TO PURSUE SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS ("STEM"), AND WILL FURTHER INSPIRE OTHER CROATIAN LEADERS TO SUPPORT YOUNG SCHOLARS IN THE COUNTRY. THE AMOUNT FOR FISCAL YEAR 2019 WAS 1 RECIPIENT TOTALING \$5,000.

Additional Data

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Schedule J (Form 990)

Compensation Information

OMB No. 1545-0047

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees
Complete if the organization answered "Yes" to Form 990, Part IV, line 23.
Attach to Form 990.

2018

Open to Public Inspection

Department of the Treasury Internal Revenue Service

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

Name of the organization New York Academy of Sciences

Employer identification number

13-1773640

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 in Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.
First-class or charter travel
Travel for companions
Tax idemnification and gross-up payments
Discretionary spending account
Housing allowance or residence for personal use
Payments for business use of personal residence
Health or social club dues or initiation fees
Personal services (e.g., maid, chauffeur, chef)

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

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

- 3 Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.
Compensation committee
Independent compensation consultant
Form 990 of other organizations
Written employment contract
Compensation survey or study
Approval by the board or compensation committee

4 During the year, did any person listed in 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 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.

5 For persons listed in 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," to line 5a or 5b, describe in Part III.

6 For persons listed in 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," to line 6a or 6b, describe in Part III.

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

8 Were any amounts reported in 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" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?

Table with 3 columns: Question ID, Yes, No. Rows include 1a, 1b, 2, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, 8, 9.

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 in Schedule J, report compensation from the organization on row (i) and from related organizations, described in the instructions, on row (ii). Do not list any individuals that are not listed on Form 990, Part VII.

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

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column(B) reported as deferred in prior Form 990
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
1 ELLIS RUBINSTEIN PRESIDENT & CEO [ex-officio]	(i)	374,013	0	0	13,750	13,703	401,466	0
	(ii)	0	0	0	0	0	0	0
2 THERESA WESTCOTTE VP & COO (THROUGH 10/18)	(i)	234,551	0	0	12,029	10,390	256,970	0
	(ii)	0	0	0	0	0	0	0
3 REUBEN ADVANI CEO, GLBL STEM (THROUGH 12/19)	(i)	318,746	0	0	13,750	16,526	349,022	0
	(ii)	0	0	0	0	0	0	0
4 GILLES BERGERON EXEC. DIR., NUTRITION SCIENCE	(i)	236,831	0	0	11,703	930	249,464	0
	(ii)	0	0	0	0	0	0	0
5 WENDY SCHNEIDER SVP & CHIEF ADMIN OFFICER	(i)	225,803	0	0	11,733	9,143	246,679	0
	(ii)	0	0	0	0	0	0	0
6 BROOKE URQUHART GRINDLINGER CHIEF SCIENTIFIC OFFICER	(i)	213,586	0	0	10,663	1,649	225,898	0
	(ii)	0	0	0	0	0	0	0
7 MARGARET CERES SVP, COMMUNICATIONS & NETWORK	(i)	210,271	0	0	10,557	8,372	229,200	0
	(ii)	0	0	0	0	0	0	0

Part III Supplemental Information

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

Return Reference	Explanation
Form 990, Schedule J, Question 3	Compensation practices: The executive committee of the academy functions as the compensation committee. The executive committee reviews and approves executive compensation on an annual basis.

Additional Data

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Software ID:

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SCHEDULE M
(Form 990)

Department of the Treasury
Internal Revenue Service

Noncash Contributions

OMB No. 1545-0047

2018

Open to Public Inspection

▶ **Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.**
▶ **Attach to Form 990.**
▶ **Information about Schedule M (Form 990) and its instructions is at www.irs.gov/form990**

Name of the organization
New York Academy of Sciences

Employer identification number
13-1773640

Part I Types of Property

	(a) Check if applicable	(b) Number of contributions or items contributed	(c) Noncash contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining noncash contribution amounts
1 Art—Works of art				
2 Art—Historical treasures				
3 Art—Fractional interests				
4 Books and publications				
5 Clothing and household goods				
6 Cars and other vehicles				
7 Boats and planes				
8 Intellectual property				
9 Securities—Publicly traded	X	2	40,518	FMV
10 Securities—Closely held stock				
11 Securities—Partnership, LLC, or trust interests				
12 Securities—Miscellaneous				
13 Qualified conservation contribution—Historic structures				
14 Qualified conservation contribution—Other				
15 Real estate—Residential				
16 Real estate—Commercial				
17 Real estate—Other				
18 Collectibles				
19 Food inventory				
20 Drugs and medical supplies				
21 Taxidermy				
22 Historical artifacts				
23 Scientific specimens				
24 Archeological artifacts				
25 Other ▶ (_____)				
26 Other ▶ (_____)				
27 Other ▶ (_____)				
28 Other ▶ (_____)				

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

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

Part II Supplemental Information.

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

Return Reference

Explanation

FORM 990, SCHEDULE M, PART I,
LINE 32A

The Academy uses a third party service to receive and sell donated securities.

Additional Data

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SCHEDULE O
(Form 990 or 990-EZ)

Supplemental Information to Form 990 or 990-EZ

2018

Open to Public Inspection

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.
 ▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

Department of the Treasury
Internal Revenue Service

Name of the organization
New York Academy of Sciences

Employer identification number

13-1773640

Return Reference	Explanation
FORM 990, PART III - PROGRAM SERVICE, LINES 4A, 4B, AND 4C	For nearly 200 years, the New York Academy of Sciences (the "academy") has brought together extraordinary people working at the frontiers of discovery and promoted vital links between science and society. The Academy has a three-pronged mission: to advance scientific research and knowledge; to help resolve the major global challenges facing society with science-based solutions; and to increase the number of scientifically informed individuals. The Academy offers an array of programming: dynamic conferences and symposia on basic and applied research in cutting-edge interdisciplinary fields and on the broader roles of science technology, and culture in society; career development and training for graduate students and postdoctoral fellows in the sciences; live public events that bring scientists together with artists, writers, and other cultural experts to present emerging research; a global public-private humanitarian partnership to bring science-based solutions to quality-of-life issues in the developing world; an advisory program in innovation and economic development for municipal, state, and foreign governments; and a science education initiative that includes teacher training and AFTER SCHOOL MENTORING FOR LOW-INCOME MIDDLE-SCHOOL STUDENTS. FORM 990, PART IV, SECTION A, LINE 2 Related Board Members: The Board of Governors of the Academy had the following family relationships with other board members: Mortimer Sackler and Dr. Kathe Sackler are siblings. Both board members resigned from the board during fiscal year 2019.
Form 990, Part VI, SECTION B, LINES 6-7b	Membership: The academy has three classes of membership: (i) Fellows (ii) Honorary Life members and (iii) general members. The board of governors are elected by a plurality of the votes cast at a meeting of the members. At any meeting of the members, each member whose dues IS not in arrears and who is present in person will be entitled to one vote. Fellows and honorary life members vote as a single class for the election of governors and the transaction of any other business as may properly come before the membership.
FORM 990, PART VI, SECTION B, LINE 11A	REVIEW OF FORM 990: the 990 will be reviewed by the Controller, President and governing body prior to its submission with the irs.
Form 990, Part VI, SECTION B, LINE 12c	Conflicts of interest: the academy has a formal written conflict of interest policy. ANNUALLY, the members of the board of governors AND OFFICERS OF THE ACADEMY disclose any conflicts.
Form 990, Part VI, SECTION B, LINES 15A&b	Compensation practices: The executive committee of the academy functions as the compensation committee. The executive committee reviews and approves executive compensation on an annual basis.
Form 990, Part VI, SECTION C, LINE 19	Governing documents: Governing documents, such as the bylaws, articles of incorporation, tax status, etc. are available upon written request.
FORM 990, PART XI, LINE 9	LOSS ON UNCOLLECTIBLE PLEDGES OF \$512,730 AND REFUND OF CONTRIBUTIONS OF \$500,000.
FORM 990 PART IX LINE 11G	DESCRIPTION:GRAPHIC DESIGN AND ADVERTISING TOTAL FEES:2255911
FORM 990 PART IX LINE 11G	DESCRIPTION:AWARDS - CEREMONY CONFERENCE TOTAL FEES:4226506

Additional Data

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Software Version:

**SCHEDULE R
(Form 990)**

Related Organizations and Unrelated Partnerships

OMB No. 1545-0047

2018

**Open to Public
Inspection**

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.

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

Department of the Treasury
Internal Revenue Service

Name of the organization
New York Academy of Sciences

Employer identification number

13-1773640

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

(a) Name, address, and EIN (if applicable) of disregarded entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Total income	(e) End-of-year assets	(f) Direct controlling entity
(1) GLOBAL STEM ALLIANCE LLC 250 Greenwich St Fl 40 New York, NY 10007 81-1433262	Education	DE	0	0	New York Aca

Part II Identification of Related Tax-Exempt Organizations

Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related tax-exempt organizations during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Exempt Code section	(e) Public charity status (if section 501(c)(3))	(f) Direct controlling entity	(g) Section 512(b)(13) controlled entity?	
						Yes	No
(1) New York Academy of ScieNces UK Limited 16 old bailey road london ec4m 7eg UK	Education	UK			New York Aca		No
(2) American Institute of the City of New Yo 7 WTC 250 Greenwich St 40th Floor New York, NY 10007 13-1971894	Education	NY	501(c)(3)	7	New York Aca		No

Part III Identification of Related Organizations Taxable as a Partnership

Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related organizations treated as a partnership during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Predominant income(related, unrelated, excluded from tax under sections 512-514)	(f) Share of total income	(g) Share of end-of-year assets	(h) Disproportionate allocations?		(i) Code V-UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner?		(k) Percentage ownership
							Yes	No		Yes	No	

Part IV Identification of Related Organizations Taxable as a Corporation or Trust

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

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end-of- year assets	(h) Percentage ownership	(i) Section 512(b) (13) controlled entity?	
								Yes	No

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

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

1 During the tax year, did the organization engage in any of the following transactions with one or more related organizations listed in Parts II-IV?

- a** Receipt of **(i)** interest, **(ii)** annuities, **(iii)** royalties, or **(iv)** rent from a controlled entity
- b** Gift, grant, or capital contribution to related organization(s)
- c** Gift, grant, or capital contribution from related organization(s)
- d** Loans or loan guarantees to or for related organization(s)
- e** Loans or loan guarantees by related organization(s)
- f** Dividends from related organization(s)
- g** Sale of assets to related organization(s)
- h** Purchase of assets from related organization(s)
- i** Exchange of assets with related organization(s)
- j** Lease of facilities, equipment, or other assets to related organization(s)
- k** Lease of facilities, equipment, or other assets from related organization(s)
- l** Performance of services or membership or fundraising solicitations for related organization(s)
- m** Performance of services or membership or fundraising solicitations by related organization(s)
- n** Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)
- o** Sharing of paid employees with related organization(s)
- p** Reimbursement paid to related organization(s) for expenses
- q** Reimbursement paid by related organization(s) for expenses
- r** Other transfer of cash or property to related organization(s)
- s** Other transfer of cash or property from related organization(s)

	Yes	No
1a		No
1b		No
1c		No
1d		No
1e		No
1f		
1g		No
1h		No
1i		No
1j		No
1k		No
1l		No
1m		No
1n		No
1o		No
1p		No
1q		No
1r		No
1s		No

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

(a) Name of related organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved

Part VII Supplemental Information

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

Return Reference	Explanation
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Schedule R (Form 990) 2018

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