

Return of Organization Exempt From Income Tax

Department of the Treasury
Internal Revenue Service

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

▶ Do not enter social security numbers on this form as it may be made public.
▶ Go to www.irs.gov/Form990 for instructions and the latest information.

A For the 2021 calendar year, or tax year beginning _____ **and ending** _____

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

C Name of organization
 AMERICAN INSTITUTE OF PHYSICS, INC.
 Doing business as _____
 Number and street (or P.O. box if mail is not delivered to street address) _____ Room/suite _____
 ONE PHYSICS ELLIPSE
 City or town, state or province, country, and ZIP or foreign postal code
 COLLEGE PARK, MD 20740-3843

D Employer identification number
 13-1667053

E Telephone number
 (301) 209-3100

F Name and address of principal officer: MICHAEL MOLONEY
 SAME AS 'C' ABOVE

G Gross receipts \$ 82,278,796.

H(a) Is this a group return for subordinates? Yes No
H(b) Are all subordinates included? Yes No
 If "No," attach a list. See instructions

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

J Website: WWW.AIP.ORG

K Form of organization: Corporation Trust Association Other ▶

L Year of formation: 1931 **M State of legal domicile:** NY

H(c) Group exemption number ▶

Part I Summary

1 Briefly describe the organization's mission or most significant activities: AIP'S MISSION IS TO ADVANCE, PROMOTE AND SERVE THE PHYSICAL SCIENCES FOR THE BENEFIT OF HUMANITY.

2 Check this box if the organization discontinued its operations or disposed of more than 25% of its net assets.

3 Number of voting members of the governing body (Part VI, line 1a)	3	17
4 Number of independent voting members of the governing body (Part VI, line 1b)	4	15
5 Total number of individuals employed in calendar year 2021 (Part V, line 2a)	5	327
6 Total number of volunteers (estimate if necessary)	6	172
7a Total unrelated business revenue from Part VIII, column (C), line 12	7a	4,006,701.
7b Net unrelated business taxable income from Form 990-T, Part I, line 11	7b	NONE

	Prior Year	Current Year
8 Contributions and grants (Part VIII, line 1h)	460,087.	730,180.
9 Program service revenue (Part VIII, line 2g)	66,750,486.	70,352,051.
10 Investment income (Part VIII, column (A), lines 3, 4, and 7d)	7,508,306.	6,529,128.
11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	5,171,975.	4,667,437.
12 Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12)	79,890,854.	82,278,796.
13 Grants and similar amounts paid (Part IX, column (A), lines 1-3)	1,000,866.	1,479,086.
14 Benefits paid to or for members (Part IX, column (A), line 4)	NONE	NONE
15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	37,323,377.	32,367,866.
16a Professional fundraising fees (Part IX, column (A), line 11e)	35,920.	42,623.
b Total fundraising expenses (Part IX, column (D), line 25) ▶ 1,667,258.		
17 Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	37,980,514.	48,038,893.
18 Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)	76,340,677.	81,928,468.
19 Revenue less expenses. Subtract line 18 from line 12	3,550,177.	350,328.

	Beginning of Current Year	End of Year
20 Total assets (Part X, line 16)	265,323,832.	289,836,322.
21 Total liabilities (Part X, line 26)	38,936,807.	40,144,601.
22 Net assets or fund balances. Subtract line 21 from line 20.	226,387,025.	249,691,721.

Part II Signature Block

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

Sign Here
 Signature of officer _____ Date _____
 CATHERINE G. SWARTZ CFO
 Type or print name and title

Paid Preparer Use Only
 Print/Type preparer's name: MARC BERGER
 Preparer's signature: _____ Date: _____
 Check if self-employed PTIN: P01871563
 Firm's name ▶ BDO USA, LLP Firm's EIN ▶ 13-5381590
 Firm's address ▶ 8401 GREENSBORO DRIVE, #800 MCLEAN, VA 22102 Phone no. 703-893-0600

May the IRS discuss this return with the preparer shown above? See instructions Yes No

For Paperwork Reduction Act Notice, see the separate instructions. Form **990** (2021)

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:

SEE SCHEDULE O

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 \$ 52,732,596. including grants of \$ NONE) (Revenue \$ 68,106,166.)

PUBLISHING RELATED. SEE SCHEDULE O

4b (Code:) (Expenses \$ 16,371,483. including grants of \$ 1,479,086.) (Revenue \$ 2,257,188.)

PHYSICAL SCIENCE PROGRAMS AND RESOURCES. SEE SCHEDULE O

4c (Code:) (Expenses \$ including grants of \$) (Revenue \$)

4d Other program services (Describe on Schedule O.)

(Expenses \$ including grants of \$) (Revenue \$)

4e Total program service expenses ▶ 69,104,079.

Part IV Checklist of Required Schedules

Table with 3 columns: Question number, Yes, No. Rows 1-21 with various questions about organizational activities and financial reporting. Includes sub-questions a-f for items 11 and 12.

Part IV Checklist of Required Schedules (continued)

Table with 3 columns: Question, Yes, No. Rows 22-38 covering various organizational requirements and schedules.

Part V Statements Regarding Other IRS Filings and Tax Compliance

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

Table with 3 columns: Question, Yes, No. Rows 1a-1c regarding Form 1096, Forms W-2G, and backup withholding rules.

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

Table with columns for question number, question text, and Yes/No response boxes. Includes questions 2a through 17 regarding employee reporting, tax returns, business income, foreign accounts, prohibited transactions, and charitable contributions.

Part VI Governance, Management, and Disclosure. For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes on Schedule O. See instructions. Check if Schedule O contains a response or note to any line in this Part VI [X]

Section A. Governing Body and Management

Table with 3 columns: Question, Yes, No. Rows include: 1a (17), 1b (15), 2 (X), 3 (X), 4 (X), 5 (X), 6 (X), 7a (X), 7b (X), 8a (X), 8b (X), 9 (X).

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 (X), 10b, 11a (X), 11b, 12a (X), 12b (X), 12c (X), 13 (X), 14 (X), 15a (X), 15b (X), 16a (X), 16b.

Section C. Disclosure

- 17 List the states with which a copy of this Form 990 is required to be filed MD, NY,
18 Section 6104 requires an organization to make its Forms 1023 (1024 or 1024-A, if applicable), 990, and 990-T (section 501(c) (3)s only) available for public inspection. Indicate how you made these available. Check all that apply. [X] Own website [] Another's website [X] Upon request [] Other (explain on Schedule O)
19 Describe on Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.
20 State the name, address, and telephone number of the person who possesses the organization's books and records CATHERINE G. SWARTZ, CFAO ONE PHYSICS ELLIPSE COLLEGE PARK, MD 20740-3843

301-209-3100

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 X

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 the 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, Form 1099-MISC, and/or box 1 of Form 1099-NEC) of more than \$100,000 from the organization and any related organizations.
 - List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
 - List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.
- See the instructions for the order in which to list the persons above.

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

(A) Name and title	(B) Average hours per week 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/1099-NEC)	(E) Reportable compensation from related organizations (W-2/1099-MISC/1099-NEC)	(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) MICHAEL MOLONEY CEO	40.00 10.00	X		X				569,618.	NONE	47,354.
(2) ALEXANDRA VANCE AIPP, CEO	40.00 NONE				X			485,244.	NONE	55,927.
(3) ROY LEVENSON AIPP, CFO	40.00 NONE				X			406,677.	NONE	49,844.
(4) DEAN SANDERSON AIPP, CHIEF STRATEGY OFFICER	40.00 NONE				X			368,314.	NONE	35,702.
(5) CATHERINE SWARTZ CFAO	40.00 10.00			X				342,667.	NONE	47,266.
(6) STEPHEN MACKWELL DEO	40.00 NONE			X				257,318.	NONE	29,437.
(7) KEVIN STEINER AIPP, HEAD OF GLOBAL SALES	40.00 NONE				X			235,699.	NONE	49,730.
(8) TRACY DENIEN AIPP, HEAD OF INFO TECHNOLOGY	40.00 NONE				X			222,851.	NONE	62,052.
(9) SARA GIRARD AIPP, HEAD OF MKT AND COM	40.00 NONE					X		224,824.	NONE	48,249.
(10) JASON WILDE AIPP, CHIEF PUB. OFF.	40.00 NONE						X	260,407.	NONE	NONE
(11) MADELINE SUTTON AIPP, HEAD OF PEOPLE & CULTURE	40.00 NONE					X		199,500.	NONE	45,950.
(12) RACHEL IVIE SENIOR RESEARCH FELLOW	40.00 NONE					X		188,316.	NONE	56,884.
(13) PENELOPE DONHAUSER AIPP, CHIEF PUBLISHING OFFICER	40.00 NONE				X			242,324.	NONE	1,827.
(14) SHERRY RENDER CONTROLLER & DIR OF FINANCE	40.00 NONE					X		191,662.	NONE	37,950.

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

(A) Name and title	(B) Average hours per week (list any hours for related organizations below 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			
(15) NANCY RAWLES CHIEF TALENT & CULTURE OFFICER	40.00 NONE					X	200,587.	NONE	17,198.	
(16) LARRY FISHBEIN SR DIR NEWS & MAGAZINES	40.00 NONE				X		117,418.	NONE	2,521.	
(17) DAVID HELFAND CHAIR	10.00 10.00	X		X			70,000.	NONE	NONE	
(18) JUDY DUBNO SECRETARY	10.00 NONE	X		X			NONE	NONE	NONE	
(19) SUSAN AVERY VICE CHAIR & DIR AT LARGE	8.00 NONE	X					NONE	NONE	NONE	
(20) JOHN KENT TREASURE & DIR AT LARGE	8.00 4.00	X		X			NONE	NONE	NONE	
(21) SUSAN BURKETT DIRECTOR	4.00 NONE	X					NONE	NONE	NONE	
(22) BRUCE CURRAN DIRECTOR	4.00 NONE	X					NONE	NONE	NONE	
(23) ERIC FURST DIRECTOR	4.00 NONE	X					NONE	NONE	NONE	
(24) JACK HEHN DIRECTOR	8.00 NONE	X					NONE	NONE	NONE	
(25) ALLISON MACFARLANE DIRECTOR	4.00 NONE	X					NONE	NONE	NONE	
1b Sub-total							4,583,426.	NONE	587,891.	
c Total from continuation sheets to Part VII, Section A							NONE	NONE	NONE	
d Total (add lines 1b and 1c)							4,583,426.	NONE	587,891.	

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 ► 117

	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>		
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>		
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>		

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

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

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

(A) Name and title	(B) Average hours per week (list any hours for related organizations below 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			
(26) MICHAEL MORGAN DIRECTOR	8.00 NONE	X					NONE	NONE	NONE	
(27) ELIZABETH NOLAN DIRECTOR	4.00 NONE	X					NONE	NONE	NONE	
(28) TYRONE PORTER DIRECTOR	4.00 NONE	X					NONE	NONE	NONE	
(29) EFRAIN RODRIQUEZ DIRECTOR	4.00 NONE	X					NONE	NONE	NONE	
(30) LIZ ROGAN DIRECTOR	4.00 NONE	X					NONE	NONE	NONE	
(31) NATHAN SANDERS DIRECTOR	4.00 NONE	X					NONE	NONE	NONE	
(32) JAMES TAYLOR DIRECTOR	4.00 3.00	X					NONE	NONE	NONE	
(33) CHICK WOODWARD DIRECTOR	8.00 NONE	X					NONE	NONE	NONE	
1b Sub-total										
c Total from continuation sheets to Part VII, Section A										
d Total (add lines 1b and 1c)										

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 ▶

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

Section B. Independent Contractors

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

(A) Name and business address	(B) Description of services	(C) Compensation
SEE SCHEDULE O		

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 in compensation from the organization ▶ 10

Part VIII Statement of Revenue

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

				(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514				
Contributions, Gifts, Grants and Other Similar Amounts	1a	Federated campaigns	1a								
	b	Membership dues	1b								
	c	Fundraising events	1c								
	d	Related organizations	1d	254,193.							
	e	Government grants (contributions) . .	1e	203,836.							
	f	All other contributions, gifts, grants, and similar amounts not included above .	1f	272,151.							
	g	Noncash contributions included in lines 1a-1f	1g	\$							
	h	Total. Add lines 1a-1f ▶		730,180.							
	Program Service Revenue				Business Code						
2a		PUBLISHING RELATED		511120	68,094,863.	65,331,605.	2,763,258.				
b		PHYSICAL SCIENCES		900099	2,257,188.	1,013,745.	1,243,443.				
c											
d											
e											
f		All other program service revenue									
g	Total. Add lines 2a-2f ▶			70,352,051.							
Other Revenue	3	Investment income (including dividends, interest, and other similar amounts) ▶			6,337,506.		6,337,506.				
	4	Income from investment of tax-exempt bond proceeds . ▶			NONE						
	5	Royalties ▶			NONE						
	6a	Gross rents	6a	(i) Real	(ii) Personal						
	b	Less: rental expenses	6b								
	c	Rental income or (loss)	6c	NONE	NONE						
	d	Net rental income or (loss) ▶				NONE					
	7a	Gross amount from sales of assets other than inventory	7a	(i) Securities	(ii) Other						
						191,622.					
	b	Less: cost or other basis and sales expenses . .	7b								
c	Gain or (loss)	7c	191,622.								
d	Net gain or (loss) ▶				191,622.						
8a	Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c). See Part IV, line 18	8a		NONE							
			b	Less: direct expenses	8b		NONE				
			c	Net income or (loss) from fundraising events ▶			NONE				
			9a	Gross income from gaming activities. See Part IV, line 19	9a		NONE				
						b	Less: direct expenses	9b		NONE	
						c	Net income or (loss) from gaming activities ▶			NONE	
			10a	Gross sales of inventory, less returns and allowances	10a		NONE				
						b	Less: cost of goods sold	10b		NONE	
						c	Net income or (loss) from sales of inventory ▶			NONE	
Miscellaneous Revenue				Business Code							
	11a	PASS THRU MEMBER SOCIETY		900099	2,309,649.		2,309,649.				
	b	EQUITY GAIN ON ACP		900099	1,845,058.		1,845,058.				
	c	SHARED SERVICES REVENUE AIPF		900099	512,730.		512,730.				
	d	All other revenue									
e	Total. Add lines 11a-11d ▶			4,667,437.							
12	Total revenue. See instructions ▶			82,278,796.	66,345,350.	4,006,701.	11,196,565.				

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	1,106,992.	1,106,992.		
2 Grants and other assistance to domestic individuals. See Part IV, line 22	359,952.	359,952.		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16	12,142.	12,142.		
4 Benefits paid to or for members	NONE			
5 Compensation of current officers, directors, trustees, and key employees	4,513,425.	2,949,482.	1,563,943.	
6 Compensation not included above to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)	NONE			
7 Other salaries and wages	23,808,217.	13,284,177.	10,045,361.	478,679.
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	1,110,461.	733,641.	334,861.	41,959.
9 Other employee benefits	2,057,337.	1,359,208.	620,392.	77,737.
10 Payroll taxes	878,426.	580,344.	264,890.	33,192.
11 Fees for services (nonemployees):				
a Management	4,355,534.	750,224.	3,605,310.	
b Legal	823,368.	61,279.	762,089.	
c Accounting	198,289.		198,289.	
d Lobbying	NONE			
e Professional fundraising services. See Part IV, line 17	42,623.			42,623.
f Investment management fees	124,944.		124,944.	
g Other. (If line 11g amount exceeds 10% of line 25, column (A), amount, list line 11g expenses on Schedule O.)	1,233,030.	837,876.	395,154.	
12 Advertising and promotion	2,744,647.	2,703,272.	41,375.	
13 Office expenses	1,268,076.	378,140.	888,138.	1,798.
14 Information technology	5,068,498.	681,513.	4,386,985.	
15 Royalties	NONE			
16 Occupancy	3,034,113.	130,100.	2,904,013.	
17 Travel	778,740.	267,407.	510,843.	490.
18 Payments of travel or entertainment expenses for any federal, state, or local public officials	NONE			
19 Conferences, conventions, and meetings	161,341.	154,211.	7,130.	
20 Interest	15,201.		15,201.	
21 Payments to affiliates	NONE			
22 Depreciation, depletion, and amortization	922,541.	15,589.	906,952.	
23 Insurance	245,207.		245,207.	
24 Other expenses. Itemize expenses not covered above. (List miscellaneous expenses on line 24e. If line 24e amount exceeds 10% of line 25, column (A), amount, list line 24e expenses on Schedule O.)				
a PASS THRU MEMBER SOCIETY	8,760,147.	8,760,147.		
b EDIT MANAGEMENT	5,477,500.	5,477,500.		
c PUBLISHING PRODUCTION	3,238,649.	3,218,649.	20,000.	
d PUBLISHING PRINTING	1,729,522.	1,728,960.	562.	
e All other expenses	7,859,546.	23,553,274.	-16,684,508.	990,780.
25 Total functional expenses. Add lines 1 through 24e	81,928,468.	69,104,079.	11,157,131.	1,667,258.
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 X

Table with columns for (A) Beginning of year, (B) End of year, and rows for Assets (1-16), Liabilities (17-26), and Net Assets or Fund Balances (27-33). Includes sub-rows 10a and 10b for land/equipment and 10c for depreciation.

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	82,278,796.
2	Total expenses (must equal Part IX, column (A), line 25)	2	81,928,468.
3	Revenue less expenses. Subtract line 2 from line 1	3	350,328.
4	Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A))	4	226,387,025.
5	Net unrealized gains (losses) on investments	5	22,768,992.
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	185,290.
9	Other changes in net assets or fund balances (explain on Schedule O)	9	86.
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 32, column (B))	10	249,691,721.

Part XII Financial Statements and Reporting

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

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

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

**SCHEDULE A
(Form 990)**

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

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

▶ Attach to Form 990 or Form 990-EZ.

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

OMB No. 1545-0047

2021

**Open to Public
Inspection**

Name of the organization

AMERICAN INSTITUTE OF PHYSICS, INC.

Employer identification number

13-1667053

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

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

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

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

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

Schedule A (Form 990) 2021

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

Table with 7 columns: (a) 2017, (b) 2018, (c) 2019, (d) 2020, (e) 2021, (f) Total. Rows include: 1 Gifts, grants, contributions, and membership fees received; 2 Tax revenues levied for the organization's benefit; 3 The value of services or facilities furnished by a governmental unit; 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

Table with 7 columns: (a) 2017, (b) 2018, (c) 2019, (d) 2020, (e) 2021, (f) Total. Rows include: 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); 13 First 5 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

Table with 3 columns: Line number, Description, and Percentage. Rows include: 14 Public support percentage for 2021 (line 6, column (f), divided by line 11, column (f)); 15 Public support percentage from 2020 Schedule A, Part II, line 14; 16a 33 1/3% support test - 2021; b 33 1/3% support test - 2020; 17a 10%-facts-and-circumstances test - 2021; b 10%-facts-and-circumstances test - 2020; 18 Private foundation.

Part III Support Schedule for Organizations Described in Section 509(a)(2)
 (Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II.
 If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2017	(b) 2018	(c) 2019	(d) 2020	(e) 2021	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	SEE SUPP PAGE 5,181,382.	213,141.	7,147,272.	460,087.	730,180.	13,732,062.
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	57,157,030.	57,155,856.	66,215,116.	66,750,486.	70,363,354.	317,641,842.
3 Gross receipts from activities that are not an unrelated trade or business under section 513						NONE
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						NONE
5 The value of services or facilities furnished by a governmental unit to the organization without charge						NONE
6 Total. Add lines 1 through 5	62,338,412.	57,368,997.	73,362,388.	67,210,573.	71,093,534.	331,373,904.
7a Amounts included on lines 1, 2, and 3 received from disqualified persons	5,000,000.					5,000,000.
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						NONE
c Add lines 7a and 7b.	5,000,000.					5,000,000.
8 Public support. (Subtract line 7c from line 6.)						326,373,904.

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2017	(b) 2018	(c) 2019	(d) 2020	(e) 2021	(f) Total
9 Amounts from line 6.	62,338,412.	57,368,997.	73,362,388.	67,210,573.	71,093,534.	331,373,904.
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources	5,265,827.	5,073,872.	6,132,373.	5,599,527.	6,326,203.	28,397,802.
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						NONE
c Add lines 10a and 10b	5,265,827.	5,073,872.	6,132,373.	5,599,527.	6,326,203.	28,397,802.
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on.						NONE
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)	SEE SUPP PAGE 1,791,993.	6,560,845.	1,822,126.	5,171,975.	4,667,437.	20,014,376.
13 Total support. (Add lines 9, 10c, 11, and 12.)	69,396,232.	69,003,714.	81,316,887.	77,982,075.	82,087,174.	379,786,082.
14 First 5 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 2021 (line 8, column (f), divided by line 13, column (f))	15	85.94%
16 Public support percentage from 2020 Schedule A, Part III, line 15	16	86.63%

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2021 (line 10c, column (f), divided by line 13, column (f)),	17	7.48%
18 Investment income percentage from 2020 Schedule A, Part III, line 17	18	7.57%

19a 33 1/3% support tests - 2021. 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 - 2020. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3%, and line 18 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization ▶

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

Part IV Supporting Organizations

(Complete only if you checked a box in line 12 on Part I. If you checked box 12a, Part I, complete Sections A and B. If you checked box 12b, Part I, complete Sections A and C. If you checked box 12c, Part I, complete Sections A, D, and E. If you checked box 12d, 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 lines 3b and 3c 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 box 12a or 12b in Part I, answer lines 4b and 4c 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 lines 5b and 5c below (if applicable). Also, provide detail in Part VI, including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document).</i>		
b Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
c Substitutions only. Was the substitution the result of an event beyond the organization's control?		
6 Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? <i>If "Yes," provide detail in Part VI.</i>		
7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (as defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? <i>If "Yes," complete Part I of Schedule L (Form 990).</i>		
8 Did the organization make a loan to a disqualified person (as defined in section 4958) not described on line 7? <i>If "Yes," complete Part I 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 on line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? <i>If "Yes," provide detail in Part VI.</i>		
c Did a disqualified person (as defined on line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? <i>If "Yes," provide detail in Part VI.</i>		
10a Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? <i>If "Yes," answer line 10b below.</i>		
b Did the organization have any excess business holdings in the tax year? <i>(Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)</i>		

Part IV Supporting Organizations (continued)

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

Section B. Type I Supporting Organizations

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

Section C. Type II Supporting Organizations

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

Section D. All Type III Supporting Organizations

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

Section E. Type III Functionally Integrated Supporting Organizations

1 Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions).			
a <input type="checkbox"/> The organization satisfied the Activities Test. Complete line 2 below.			
b <input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete line 3 below.			
c <input type="checkbox"/> The organization supported a governmental entity. Describe in Part VI how you supported a governmental entity (see instructions).			
2 Activities Test. Answer lines 2a and 2b below.		Yes	No
a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? <i>If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.</i>			
b Did the activities described on line 2a, above, constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? <i>If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.</i>			
3 Parent of Supported Organizations. Answer lines 3a and 3b below.			
a Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? <i>If "Yes" or "No," provide details in Part VI.</i>			
b Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each of its supported organizations? <i>If "Yes," describe in Part VI the role played by the organization in this regard.</i>			

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

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

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

Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1	Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):		
a	Average monthly value of securities	1a	
b	Average monthly cash balances	1b	
c	Fair market value of other non-exempt-use assets	1c	
d	Total (add lines 1a, 1b, and 1c)	1d	
e	Discount claimed for blockage or other factors (<i>explain in detail in Part VI</i>):		
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 0.015 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 0.035.	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 0.85 of line 1.	2	
3	Minimum asset amount for prior year (from Section B, line 8, column A)	3	
4	Enter greater of line 2 or line 3.	4	
5	Income tax imposed in prior year	5	
6	Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions).	6	
7	<input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally integrated Type III supporting organization (see instructions).		

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

Section D - Distributions		Current Year
1	Amounts paid to supported organizations to accomplish exempt purposes	1
2	Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	2
3	Administrative expenses paid to accomplish exempt purposes of supported organizations	3
4	Amounts paid to acquire exempt-use assets	4
5	Qualified set-aside amounts (prior IRS approval required - provide details in Part VI)	5
6	Other distributions (describe in Part VI). See instructions.	6
7	Total annual distributions. Add lines 1 through 6.	7
8	Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI). See instructions.	8
9	Distributable amount for 2021 from Section C, line 6	9
10	Line 8 amount divided by line 9 amount	10

Section E - Distribution Allocations (see instructions)		(i) Excess Distributions	(ii) Underdistributions Pre-2021	(iii) Distributable Amount for 2021
1	Distributable amount for 2021 from Section C, line 6			
2	Underdistributions, if any, for years prior to 2021 (reasonable cause required - explain in Part VI). See instructions.			
3	Excess distributions carryover, if any, to 2021			
a	From 2016			
b	From 2017			
c	From 2018			
d	From 2019			
e	From 2020			
f	Total of lines 3a through 3e			
g	Applied to underdistributions of prior years			
h	Applied to 2021 distributable amount			
i	Carryover from 2016 not applied (see instructions)			
j	Remainder. Subtract lines 3g, 3h, and 3i from line 3f.			
4	Distributions for 2021 from Section D, line 7: \$			
a	Applied to underdistributions of prior years			
b	Applied to 2021 distributable amount			
c	Remainder. Subtract lines 4a and 4b from line 4.			
5	Remaining underdistributions for years prior to 2021, if any. Subtract lines 3g and 4a from line 2. For result greater than zero, explain in Part VI. See instructions.			
6	Remaining underdistributions for 2021. Subtract lines 3h and 4b from line 1. For result greater than zero, explain in Part VI. See instructions.			
7	Excess distributions carryover to 2022. Add lines 3j and 4c.			
8	Breakdown of line 7:			
a	Excess from 2017			
b	Excess from 2018			
c	Excess from 2019			
d	Excess from 2020			
e	Excess from 2021			

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

SCHEDULE A, PART III - OTHER INCOME

DESCRIPTION	2017	2018	2019	2020	2021	TOTAL
MEMBER SOCIETIES PASSTHRU SVCS	2,153,917.	2,209,360.	1,781,151.	2,184,282.	2,309,649.	10,638,359.
EQUITY GAIN/LOSS ON ACP INV	-361,924.	4,351,485.	40,975.	2,465,693.	1,845,058.	8,341,287.
SHARE SERVICES REVENUE	NONE	NONE	NONE	522,000.	512,730.	1,034,730.
TOTALS	1,791,993.	6,560,845.	1,822,126.	5,171,975.	4,667,437.	20,014,376.

Schedule B (Form 990)

Department of the Treasury Internal Revenue Service

Schedule of Contributors

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

OMB No. 1545-0047

2021

Name of the organization

Employer identification number

AMERICAN INSTITUTE OF PHYSICS, INC.

13-1667053

Organization type (check one):

Filers of:

Section:

Form 990 or 990-EZ

[X] 501(c)(3) (enter number) organization

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

[] 527 political organization

Form 990-PF

[] 501(c)(3) exempt private foundation

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

[] 501(c)(3) taxable private foundation

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

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

General Rule

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

Special Rules

[] For an organization described in section 501(c)(3) filing Form 990 or 990-EZ that met the 33 1/3% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi), that checked Schedule A (Form 990), 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 (entering "N/A" in column (b) instead of the contributor name and address), II, and III.

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

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

Name of organization <p style="text-align: center;">AMERICAN INSTITUTE OF PHYSICS, INC.</p>	Employer identification number <p style="text-align: center;">13-1667053</p>
--	---

Part I **Contributors** (see instructions). Use duplicate copies of Part I if additional space is needed.

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
1	HEIEMAN FOUNDATION FOR RES EDUCATIONAL 940 W. WHITMORE DRIVE MELBOURNE, FL 32935	\$ 20,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
2	AMERICAN ASSOC OF PHYSICISTS IN MEDICINE 1631 PRINCE STREET ALEXANDRIA, VA 22314	\$ 5,000.	Person <input checked="" 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

AMERICAN INSTITUTE OF PHYSICS, INC.

Employer identification number

13-1667053

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 <p style="text-align: center;">AMERICAN INSTITUTE OF PHYSICS, INC.</p>	Employer identification number <p style="text-align: center;">13-1667053</p>
--	---

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	
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	

**SCHEDULE C
(Form 990)**

Political Campaign and Lobbying Activities

OMB No. 1545-0047

2021

Open to Public Inspection

For Organizations Exempt From Income Tax Under section 501(c) and section 527

▶ **Complete if the organization is described below.** ▶ **Attach to Form 990 or Form 990-EZ.**

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

Department of the Treasury
Internal Revenue Service

If the organization answered "Yes," on Form 990, Part IV, line 3, or Form 990-EZ, Part V, line 46 (Political Campaign Activities), then

- Section 501(c)(3) organizations: Complete Parts I-A and B. Do not complete Part I-C.
- Section 501(c) (other than section 501(c)(3)) organizations: Complete Parts I-A and C below. Do not complete Part I-B.
- Section 527 organizations: Complete Part I-A only.

If the organization answered "Yes," on Form 990, Part IV, line 4, or Form 990-EZ, Part VI, line 47 (Lobbying Activities), then

- Section 501(c)(3) organizations that have filed Form 5768 (election under section 501(h)): Complete Part II-A. Do not complete Part II-B.
- Section 501(c)(3) organizations that have NOT filed Form 5768 (election under section 501(h)): Complete Part II-B. Do not complete Part II-A.

If the organization answered "Yes," on Form 990, Part IV, line 5 (Proxy Tax) (See separate instructions) or Form 990-EZ, Part V, line 35c (Proxy Tax) (See separate instructions), then

- Section 501(c)(4), (5), or (6) organizations: Complete Part III.

Name of organization AMERICAN INSTITUTE OF PHYSICS, INC.	Employer identification number 13-1667053
--	---

Part I-A Complete if the organization is exempt under section 501(c) or is a section 527 organization.

- 1 Provide a description of the organization's direct and indirect political campaign activities in Part IV. See instructions for definition of "political campaign activities."
- 2 Political campaign activity expenditures. See instructions ▶ \$ _____
- 3 Volunteer hours for political campaign activities. See instructions

Part I-B Complete if the organization is exempt under section 501(c)(3).

- 1 Enter the amount of any excise tax incurred by the organization under section 4955. ▶ \$ _____
- 2 Enter the amount of any excise tax incurred by organization managers under section 4955 ▶ \$ _____
- 3 If the organization incurred a section 4955 tax, did it file Form 4720 for this year? Yes No
- 4a Was a correction made? Yes No
- b If "Yes," describe in Part IV.

Part I-C Complete if the organization is exempt under section 501(c), except section 501(c)(3).

- 1 Enter the amount directly expended by the filing organization for section 527 exempt function activities. ▶ \$ _____
- 2 Enter the amount of the filing organization's funds contributed to other organizations for section 527 exempt function activities ▶ \$ _____
- 3 Total exempt function expenditures. Add lines 1 and 2. Enter here and on Form 1120-POL, line 17b ▶ \$ _____
- 4 Did the filing organization file **Form 1120-POL** for this year? Yes No
- 5 Enter the names, addresses and employer identification number (EIN) of all section 527 political organizations to which the filing organization made payments. For each organization listed, enter the amount paid from the filing organization's funds. Also enter the amount of political contributions received that were promptly and directly delivered to a separate political organization, such as a separate segregated fund or a political action committee (PAC). If additional space is needed, provide information in Part IV.

(a) Name	(b) Address	(c) EIN	(d) Amount paid from filing organization's funds. If none, enter -0-.	(e) Amount of political contributions received and promptly and directly delivered to a separate political organization. If none, enter -0-.
(1)				
(2)				
(3)				
(4)				
(5)				
(6)				

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

Schedule C (Form 990) 2021

Part II-A Complete if the organization is exempt under section 501(c)(3) and filed Form 5768 (election under section 501(h)).

A Check if the filing organization belongs to an affiliated group (and list in Part IV each affiliated group member's name, address, EIN, expenses, and share of excess lobbying expenditures).

B Check if the filing organization checked box A and "limited control" provisions apply.

Limits on Lobbying Expenditures (The term "expenditures" means amounts paid or incurred.)		(a) Filing organization's totals	(b) Affiliated group totals												
1a Total lobbying expenditures to influence public opinion (grassroots lobbying)															
b Total lobbying expenditures to influence a legislative body (direct lobbying)															
c Total lobbying expenditures (add lines 1a and 1b)															
d Other exempt purpose expenditures															
e Total exempt purpose expenditures (add lines 1c and 1d)															
f Lobbying nontaxable amount. Enter the amount from the following table in both columns.															
<table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">If the amount on line 1e, column (a) or (b) is:</th> <th style="text-align: left;">The lobbying nontaxable amount is:</th> </tr> </thead> <tbody> <tr> <td>Not over \$500,000</td> <td>20% of the amount on line 1e.</td> </tr> <tr> <td>Over \$500,000 but not over \$1,000,000</td> <td>\$100,000 plus 15% of the excess over \$500,000.</td> </tr> <tr> <td>Over \$1,000,000 but not over \$1,500,000</td> <td>\$175,000 plus 10% of the excess over \$1,000,000.</td> </tr> <tr> <td>Over \$1,500,000 but not over \$17,000,000</td> <td>\$225,000 plus 5% of the excess over \$1,500,000.</td> </tr> <tr> <td>Over \$17,000,000</td> <td>\$1,000,000.</td> </tr> </tbody> </table>		If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:	Not over \$500,000	20% of the amount on line 1e.	Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000.	Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000.	Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000.	Over \$17,000,000	\$1,000,000.		
If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:														
Not over \$500,000	20% of the amount on line 1e.														
Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000.														
Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000.														
Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000.														
Over \$17,000,000	\$1,000,000.														
g Grassroots nontaxable amount (enter 25% of line 1f)															
h Subtract line 1g from line 1a. If zero or less, enter -0-															
i Subtract line 1f from line 1c. If zero or less, enter -0-															
j If there is an amount other than zero on either line 1h or line 1i, did the organization file Form 4720 reporting section 4911 tax for this year?			<input type="checkbox"/> Yes <input type="checkbox"/> No												

4-Year Averaging Period Under Section 501(h)

(Some organizations that made a section 501(h) election do not have to complete all of the five columns below.

See the separate instructions for lines 2a through 2f.)

Lobbying Expenditures During 4-Year Averaging Period					
Calendar year (or fiscal year beginning in)	(a) 2018	(b) 2019	(c) 2020	(d) 2021	(e) Total
2a Lobbying nontaxable amount					
b Lobbying ceiling amount (150% of line 2a, column (e))					
c Total lobbying expenditures					
d Grassroots nontaxable amount					
e Grassroots ceiling amount (150% of line 2d, column (e))					
f Grassroots lobbying expenditures					

Part II-B Complete if the organization is exempt under section 501(c)(3) and has NOT filed Form 5768 (election under section 501(h)).

Table with columns (a) Yes/No and (b) Amount. Rows include: 1 During the year, did the filing organization attempt to influence foreign, national, state, or local legislation...; a Volunteers?; b Paid staff or management...; c Media advertisements?; d Mailings to members...; e Publications...; f Grants to other organizations...; g Direct contact with legislators...; h Rallies, demonstrations...; i Other activities?; j Total...; 2a Did the activities in line 1 cause the organization to be not described in section 501(c)(3)?; b If "Yes," enter the amount of any tax incurred under section 4912; c If "Yes," enter the amount of any tax incurred by organization managers under section 4912; d If the filing organization incurred a section 4912 tax, did it file Form 4720 for this year?

Part III-A Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6).

Table with columns Yes/No. Rows include: 1 Were substantially all (90% or more) dues received nondeductible by members?; 2 Did the organization make only in-house lobbying expenditures of \$2,000 or less?; 3 Did the organization agree to carry over lobbying and political campaign activity expenditures from the prior year?

Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered "No" OR (b) Part III-A, line 3, is answered "Yes."

Table with columns 1-5. Rows include: 1 Dues, assessments and similar amounts from members; 2 Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid); a Current year; b Carryover from last year; c Total; 3 Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues; 4 If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the excess does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and political expenditure next year?; 5 Taxable amount of lobbying and political expenditures. See instructions.

Part IV Supplemental Information

Provide the descriptions required for Part I-A, line 1; Part I-B, line 4; Part I-C, line 5; Part II-A (affiliated group list); Part II-A, lines 1 and 2 (See instructions); and Part II-B, line 1. Also, complete this part for any additional information.

SEE PAGE 4

Blank lines for supplemental information.

Part IV Supplemental Information (continued)

SCHEDULE C, PART II-B - DESCRIPTION OF LOBBYING ACTIVITY:

AIP'S LOBBYING EFFORTS FOCUS ON SCIENCE AND TECHNOLOGY FUNDING AND PROGRAM DIRECTIONS FOR THE NATIONAL SCIENCE FOUNDATION, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, DEPARTMENT OF ENERGY, NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY, AND DEPARTMENT OF DEFENSE. WE ALSO WORK ON GOVERNMENT MANDATES AFFECTING SCHOLARLY PUBLISHING, SCIENCE EDUCATION, AS WELL AS SCIENCE IN GENERAL.

SCHEDULE D (Form 990)

Supplemental Financial Statements

OMB No. 1545-0047

2021

Open to Public Inspection

Department of the Treasury Internal Revenue Service

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

Attach to Form 990.

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

Name of the organization

Employer identification number

AMERICAN INSTITUTE OF PHYSICS, INC.

13-1667053

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts.

Complete if the organization answered "Yes" on Form 990, Part IV, line 6.

Table with 2 columns: (a) Donor advised funds, (b) Funds and other accounts. Rows include: 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?, 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?

Part II Conservation Easements.

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

Table with 2 columns: Description, Held at the End of the Tax Year. Rows include: 1 Purpose(s) of conservation easements held by the organization (check all that apply), 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, 3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year, 4 Number of states where property subject to conservation easement is located, 5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds?, 6 Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year, 7 Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year, 8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)?, 9 In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

Table with 2 columns: Description, Amount. Rows include: 1a If the organization elected, as permitted under FASB ASC 958, not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide in Part XIII the text of the footnote to its financial statements that describes these items., 1b If the organization elected, as permitted under FASB ASC 958, to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items: (i) Revenue included on Form 990, Part VIII, line 1., (ii) Assets included in Form 990, Part X., 2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under FASB ASC 958 relating to these items: a Revenue included on Form 990, Part VIII, line 1., b Assets included in Form 990, Part X.

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

Schedule D (Form 990) 2021

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

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

Part IV Escrow and Custodial Arrangements.

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

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

Part V Endowment Funds.

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

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance	142,941,191.	132,756,089.	111,211,052.	23,014,776.	17,347,568.
b Contributions	2,415,189.	21,872.	6,762,670.	2,059,000.	2,882,328.
c Net investment earnings, gains, and losses	22,096,004.	15,518,099.	20,297,013.	-1,232,576.	3,439,156.
d Grants or scholarships					
e Other expenditures for facilities and programs	4,844,742.	5,354,869.	5,514,646.	-87,369,852.	654,276.
f Administrative expenses					
g End of year balance	162,607,642.	142,941,191.	132,756,089.	111,211,052.	23,014,776.

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

- a Board designated or quasi-endowment 81.0000 %
- b Permanent endowment 11.0000 %
- c Term endowment 8.0000 %

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

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

- (i) Unrelated organizations
- (ii) Related organizations

	Yes	No
3a(i)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3a(ii)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3b	<input type="checkbox"/>	<input type="checkbox"/>

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

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

Part VI Land, Buildings, and Equipment.

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

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land				
b Buildings				
c Leasehold improvements		4,921,842.	3,737,573.	1,184,269.
d Equipment		1,768,931.	1,291,829.	477,102.
e Other		6,927,800.	6,789,387.	138,413.
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10c.)				1,799,784.

Part VII Investments - Other Securities.

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

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely held equity interests		
(3) Other		
(A) OPPORTUNISTIC INVESTMENTS	36,268,317.	FMV
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 12.) . ▶	36,268,317.	

Part VIII Investments - Program Related.

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

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 13.) . ▶		

Part IX Other Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1) INVESTMENT IN ACP	19,473,089.
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 15.) ▶	19,473,089.

Part X Other Liabilities.

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

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	
(2) POST RETIREMENT MEDICAL PLAN	6,935,821.
(3) DUE TO MEMBER SOCIETIES	1,005,301.
(4) DEFERRED RENT	1,354,354.
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 25.) ▶	9,295,476.

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

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

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

Table with 5 main rows and sub-rows (a-e) for adjustments. Columns include descriptions, sub-headers (2a-2d, 4a-4b), and totals (2e, 3, 4c, 5).

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

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

Table with 5 main rows and sub-rows (a-e) for adjustments. Columns include descriptions, sub-headers (2a-2d, 4a-4b), and totals (2e, 3, 4c, 5).

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.

SEE SUPPLEMENTAL PAGE

Part XIII Supplemental Information (continued)

SCHEDULE D, PART V, LINE 4:

AIP HAS 15 SEPARATE FUNDS WHICH HAVE BEEN ENDOWED BY DONORS. THE EARNINGS FROM THE ENDOWMENTS HELP SUPPORT THE HISTORY CENTER, THE NIELS BOHR LIBRARY AND ARCHIVES, AND SOCIETY OF PHYSICS STUDENTS, HIGH SCHOOL PHYSICS EDUCATION PROGRAMS, AND OTHER AREAS RELATED TO THE PHYSICAL SCIENCES, WHICH ALLOWS AIP TO CONTINUE TO PRESERVE HISTORICAL DOCUMENTS RELATED TO PHYSICS, OFFER LECTURES THAT ARE OPEN TO THE PUBLIC, PRESENT AWARDS AND GRANTS FOR ACHIEVEMENTS IN PHYSICS AND HELP SUPPORT THE COMMUNITY THROUGH EDUCATION.

THE AIP TAKES A VERY PROACTIVE ROLE IN REGARD TO OPERATIONAL AND FINANCIAL MANAGEMENT. THIS CONSISTS OF ROUTINE REVIEWS OF THE ASSET BASE, OPERATIONAL NEEDS, AND KEY RISK FACTORS. THE RESULT OF THESE EFFORTS HAS LED TO DESIGNATION OF AIP'S NET ASSET BASE TO BEST ALIGN OUR RESOURCES IN SUPPORT OF OUR PROGRAMS AND TO MITIGATE KEY OPERATIONAL RISKS IN ACCORDANCE WITH THE MISSION OF THE ORGANIZATION. ALL DESIGNATIONS ARE REVIEWED ANNUALLY BY THE BOARD OF DIRECTORS AND ARE ADJUSTED BASED ON THE LATEST OPERATIONAL NEEDS AND RISK FACTORS.

AIP ESTABLISHED THE FOLLOWING QUASI-ENDOWMENT FUNDS:

GENERAL QUASI-ENDOWMENT - A BOARD DESIGNATED QUASI-ENDOWMENT CREATED FOR THE PURPOSE OF FUNDING AIP PROGRAM OPERATIONS.

VENTURE FUND - THE VF WAS ESTABLISHED IN 2016 AS A BOARD-DESIGNATED QUASI ENDOWMENT FUND ESTABLISHED TO ENCOURAGE COLLABORATIVE PARTNERSHIPS AMONG

Part XIII Supplemental Information (continued)

ONE OR MORE MEMBER SOCIETIES AND AIP. COLLABORATIVE PROJECTS FUNDED BY THE VPF ARE EXPECTED TO BE STRATEGY DRIVEN, PROMOTE GROWTH, AND INCREASE STATURE AND INNOVATION WITHIN THE MEMBER SOCIETIES AND THE AIP FEDERATION.

SUSTAINABILITY OF THE NIELS BOHR LIBRARY AND ARCHIVES AND THE CENTER FOR HISTORY OF PHYSICS - A NEW QUASI-ENDOWMENT DESIGNATED BY THE BOARD OF DIRECTORS TO BEGIN A FUND TO SUPPORT THE OPERATIONS OF THE NIELS BOHR LIBRARY AND ARCHIVE AND CENTER OF HISTORY OF PHYSICS IN PERPETUITY.

SCHEDULE D, PART X, LINE 2:

THE AMERICAN INSTITUTE OF PHYSICS INCORPORATED HAS BEEN RECOGNIZED BY THE INTERNAL REVENUE SERVICE (IRS) AS TAX EXEMPT UNDER SECTION 501(A) AS AN ORGANIZATION DESCRIBED IN SECTION 501(C)(3) OF THE INTERNAL REVENUE CODE, EXCEPT ON NET INCOME FROM UNRELATED BUSINESS ACTIVITIES (PRIMARILY ADVERTISING). AIP'S ACCOUNTING POLICY FOR EVALUATING UNCERTAIN TAX POSITIONS IS TO RECOGNIZE TAX POSITIONS IF IT IS MORE-LIKELY-THAN-NOT THAT THE POSITION WOULD NOT BE SUSTAINED UPON EXAMINATION BY THE IRS. MANAGEMENT ANNUALLY REVIEWS ITS TAX POSITIONS AND HAS DETERMINED IN THE CONSOLIDATED FINANCIAL STATEMENTS. AS DECEMBER 31, 2021 AND 2020, A PROVISION OF \$10,000 FOR STATE INCOME TAXES WAS RECORDED.

**SCHEDULE F
(Form 990)**

Statement of Activities Outside the United States

OMB No. 1545-0047

2021

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

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

▶ Attach to Form 990.

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

Name of the organization

AMERICAN INSTITUTE OF PHYSICS, INC.

Employer identification number

13-1667053

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

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

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

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

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in the region	(d) Activities conducted in the region (by type) (such as, fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in the region	(f) Total expenditures for and investments in the region
(1) EAST ASIA AND THE PACIFIC	1	2	PROGRAM SERVICES	LIAISON OFFICE	346,203.
(2) EUROPE	NONE	NONE	GRANTMAKING		9,642.
(3) MIDDLE EAST AND NORTH AFRICA	NONE	NONE	GRANTMAKING		2,000.
(4) EAST ASIA AND THE PACIFIC	NONE	NONE	GRANTMAKING		500.
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					
(11)					
(12)					
(13)					
(14)					
(15)					
(16)					
(17)					
3a Subtotal	1	2.			358,345.
b Total from continuation sheets to Part I					
c Totals (add lines 3a and 3b)	1.	2.			358,345.

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

Schedule F (Form 990) 2021

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

1	(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of noncash assistance	(h) Description of noncash assistance	(i) Method of valuation (book, FMV, appraisal, other)
(1)									
(2)									
(3)									
(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 a tax exempt 501(c)(3) organization by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter . . . ▶ _____

3 Enter total number of other organizations or entities ▶ _____

Part III **Grants and Other Assistance to Individuals Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 16.
Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of noncash assistance	(g) Description of noncash assistance	(h) Method of valuation (book, FMV, appraisal, other)
(1)							
(2)							
(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 separately file Form 3520, Annual Return To Report Transactions With Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U.S. Owner (see Instructions for Forms 3520 and 3520-A; don't file with Form 990)* Yes No

- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U.S. Persons With Respect to Certain Foreign Corporations (see Instructions for Form 5471)* Yes No

- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621)* Yes No

- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U.S. Persons With Respect to Certain Foreign Partnerships (see Instructions for Form 8865)* Yes No

- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see Instructions for Form 5713; don't file with Form 990)* Yes No

Part V Supplemental Information

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

SCHEDULE F, PART I, LINE 2:

GRANTMAKERS EXPLANATION FOR MONITORING USE OF FUNDS OUTSIDE THE U.S.:

AIP HAS ESTABLISHED AND FOLLOWS DOCUMENTED POLICIES AND PROCEDURES TO MONITOR, EVALUATE AND REVIEW ALL TYPES OF GRANTS, AWARDS, AND ASSISTANCE ON A REGULAR BASIS.

SCHEDULE F, PART I, LINE 3F:

THE ACCOUNTING METHOD USED FOR THE EXPENDITURES SHOWN IS THE ACCRUAL BASIS.

**SCHEDULE G
(Form 990)**

Supplemental Information Regarding Fundraising or Gaming Activities

OMB No. 1545-0047

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

2021

Department of the Treasury
Internal Revenue Service

▶ Attach to Form 990 or Form 990-EZ.

**Open to Public
Inspection**

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

Name of the organization

Employer identification number

AMERICAN INSTITUTE OF PHYSICS, INC.

13-1667053

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

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

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

- 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 10 highest paid individuals or entities (fundraisers) pursuant to agreements under which the fundraiser is to be compensated at least \$5,000 by the organization.

(i) Name and address of individual or entity (fundraiser)	(ii) Activity	(iii) Did fundraiser have custody or control of contributions?		(iv) Gross receipts from activity	(v) Amount paid to (or retained by) fundraiser listed in col. (i)	(vi) Amount paid to (or retained by) organization
		Yes	No			
SEE SUPPLEMENT INFORMATION 1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
Total					42,623.	-42,623.

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

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

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

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

		(a) Bingo	(b) Pull tabs/instant bingo/progressive bingo	(c) Other gaming	(d) Total gaming (add col. (a) through col. (c))
		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 ▶ _____

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

Name ▶ _____

Address ▶ _____

16 Gaming manager information:

Name ▶ _____

Gaming manager compensation ▶ \$ _____

Description of services provided ▶ _____

Director/officer Employee Independent contractor

- 17 Mandatory distributions:
 - a Is the organization required under state law to make charitable distributions from the gaming proceeds to retain the state gaming license? Yes No
 - b Enter the amount of distributions required under state law to be distributed to other exempt organizations or spent in the organization's own exempt activities during the tax year ▶ \$ _____

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

FORM 990, SCHEDULE G, LINE 2B - HIGHEST PAID INDIVIDUALS/ENTITIES
=====

NAME:

JOHNSON, GROSSNICKLE & ASSC

ADDRESS:

29 SOUTH PARK BLVD.
GREENWOOD, IN 46143

ACTIVITY :

CONSULTING

CUSTODY OR CONTROL OF CONTRIBUTION?

NO

AMOUNT PAID TO (OR RETAINED BY) FUNDRAISER : 42,623.

AMOUNT PAID TO (OR RETAINED BY) ORGANIZATION : -42,623.

**SCHEDULE I
(Form 990)**

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

OMB No. 1545-0047

2021

**Open to Public
Inspection**

Department of the Treasury
Internal Revenue Service

▶ Attach to Form 990.

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

Name of the organization

AMERICAN INSTITUTE OF PHYSICS, INC.

Employer identification number

13-1667053

Part I General Information on Grants and Assistance

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

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

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) AMERICAN PHYSICAL SOCIETY 1 PHYSICS ELLIPSE COLLEGE PARK, MD 20740	13-1656610	501(C)(3)	10,000.				SEE PART IV
(2) AMERICAN PHYSICAL SOCIETY 1 PHYSICS ELLIPSE COLLEGE PARK, MD 20740	13-1656610	501(C)(3)	6,750.				SEE PART IV
(3) UNIVERSITY OF MARYLAND FOUNDATION 3300 METZEROTT ROAD COLLEGE PARK, MD 20783	52-1125663	501(C)(3)	1,000,000.				SEE PART IV
(4) UNIVERSITY OF MOUNT UNION 1972 CLARK AVENUE ALLANCE, OH 44601	34-0714687	501(C)(3)	9,500.				SEE PART IV
(5) UNIVERISTY OF NORTH FLORIDA 1 UNF DRIVE JACKSONVILLE, FL 32224	59-2979169	501(C)(3)	12,500.				SEE PART IV
(6)							
(7)							
(8)							
(9)							
(10)							
(11)							
(12)							

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ▶ 5

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

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

Schedule I (Form 990) 2021

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

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of non-cash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of non-cash assistance
1 CONGRESSIONAL AND US STATE DEPT FELLOWS	6	266,902.			
2 SCHOLARSHIPS AND AWARDS FOR SPS MEMBERS	35	55,510.			
3 AWARDS FOR ACHIEVEMENTS IN PHYSICS	5	18,500.			
4 TRAVEL AND MEETING EXPENSES	1	1,540.			
5 RESEARCH FELLOWSHIPS	1	17,500.			
6					
7					

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

SCHEDULE I, PART II, LINES 1-5:

- 1) 2021 EARL K PLYLER PRIZE FOR MOLECULAR SPECTROSCOPY & DYNAMICS
- 2) 2021 IRVING LANGMUIR AWARD IN CHEMICAL PHYSICS
- 3) AIP ENDOWED PROFESSORSHIP IN THE HISTORY OF NATURAL SCIENCES
- 4) MEGGARS PROJECT AWARD RECIPIENT

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

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of non-cash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of non-cash assistance
1					
2					
3					
4					
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.

5) MEGGARS PROJECT AWARD RECIPIENT

SCHEDULE I, PART I, LINE 2:

PROCEDURE FOR MONITORING USE OF GRANTS IN THE U.S.:

AIP HAS ESTABLISHED AND FOLLOWS DOCUMENTED POLICIES AND PROCEDURES TO MONITOR, EVALUATE AND REVIEW ALL TYPES OF GRANTS, AWARDS, AND ASSISTANCE ON A REGULAR BASIS.

**SCHEDULE J
(Form 990)**

Department of the Treasury
Internal Revenue Service

Name of the organization

Compensation Information

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

- ▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23.
- ▶ Attach to Form 990.
- ▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2021

Open to Public Inspection

AMERICAN INSTITUTE OF PHYSICS, INC.

Employer identification number

13-1667053

Part I Questions Regarding Compensation

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Schedule J (Form 990) 2021

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

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

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

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC and/or 1099-NEC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
STEPHEN MACKWELL 1 DEO	(i)	136,667.	NONE	120,651.	15,585.	13,852.	286,755.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
CATHERINE SWARTZ 2 CFAO	(i)	322,360.	NONE	20,307.	29,000.	18,266.	389,933.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
TRACY DENIEN 3 AIPP, HEAD OF INFO TE	(i)	222,851.	NONE	NONE	23,433.	38,619.	284,903.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
DEAN SANDERSON 4 AIPP, CHIEF STRATEGY	(i)	328,314.	40,000.	NONE	5,254.	30,448.	404,016.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
ALEXANDRA VANCE 5 AIPP, CEO	(i)	439,598.	45,646.	NONE	17,308.	38,619.	541,171.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
LARRY FISHBEIN 6 SR DIR NEWS & MAGAZIN	(i)	21,923.	NONE	95,495.	2,430.	91.	119,939.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
ROY LEVENSON 7 AIPP, CFO	(i)	322,004.	73,889.	10,784.	29,000.	20,844.	456,521.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
KEVIN STEINER 8 AIPP, HEAD OF GLOBAL	(i)	186,585.	49,114.	NONE	24,689.	25,041.	285,429.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
JASON WILDE 9 AIPP, CHIEF PUB. OFF.	(i)	NONE	52,570.	207,837.	NONE	NONE	260,407.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
PENELOPE DONHAUSER 10 AIPP, CHIEF PUBLISHIN	(i)	242,324.	NONE	NONE	NONE	1,827.	244,151.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
MADELINE SUTTON 11 AIPP, HEAD OF PEOPLE	(i)	179,136.	20,364.	NONE	21,415.	24,535.	245,450.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
RACHEL IVIE 12 SENIOR RESEARCH FELLO	(i)	171,409.	NONE	16,907.	18,512.	38,372.	245,200.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
SARA GIRARD 13 AIPP, HEAD OF MKT AND	(i)	202,878.	21,946.	NONE	23,202.	25,047.	273,073.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
SHERRY RENDER 14 CONTROLLER & DIR OF F	(i)	191,662.	NONE	NONE	20,036.	17,914.	229,612.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
NANCY RAWLES 15 CHIEF TALENT & CULTUR	(i)	200,587.	NONE	NONE	3,777.	13,421.	217,785.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE
MICHAEL MOLONEY 16 CEO	(i)	468,618.	81,500.	19,500.	29,000.	18,354.	616,972.	NONE
	(ii)	NONE	NONE	NONE	NONE	NONE	NONE	NONE

Schedule J (Form 990) 2021

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.

SCHEDULE J, PART I, LINE 1A:

GROSS-UP PAYMENTS - IF AN EMPLOYEE REACHES THE IRS LIMITATION FOR EMPLOYER RETIREMENT CONTRIBUTIONS, THE ORGANIZATION PROVIDES A GROSS UP PAYMENT EQUIVALENT TO THE DIFFERENCE BETWEEN THE MAX AMOUNT AND THE AMOUNT THAT WOULD HAVE BEEN CONTRIBUTED IF THERE WERE NO LIMITATIONS.

SCHEDULE J, PART I, LINE 3:

COMPENSATION REVIEW & APPROVAL PROCESS

CEO: AIP'S BOARD OF DIRECTORS HAS DESIGNATED A COMPENSATION COMMITTEE TO MANAGE COMPENSATION OF AIP'S CEO. THE CHARTER OF THE COMPENSATION COMMITTEE PROVIDES FOR A PROCEDURE THAT IS CONSISTENT WITH APPLICABLE LAW AND BEST PRACTICES. THE CHARTER PROVIDES THAT THE COMMITTEE "SHALL MAKE A RECOMMENDATION TO THE BOARD OF DIRECTORS WITH RESPECT TO THE COMPENSATION FOR THE CHIEF EXECUTIVE OFFICER." THE COMPENSATION COMMITTEE OBTAINS DATA AS TO COMPARABLE COMPENSATION FOR THE CHIEF EXECUTIVE OFFICER, RECOMMENDS TERMS OF THE CEO'S EMPLOYMENT AGREEMENTS, AND DETERMINES REASONABLE

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.

COMPENSATION LEVEL. THE COMMITTEE SUBMITS TO THE BOARD A RECOMMENDATION FOR THE CEO'S COMPENSATION FOR EACH FISCAL YEAR. THE BOARD OF DIRECTORS MAKES THE FINAL DECISION ON THE CEO'S COMPENSATION.

SCHEDULE J, PART I, LINE 4A

STEPHEN MACKWELL \$102,199

LARRY FISHBEIN \$ 92,559

JASON WILDE \$207,837

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

Department of the Treasury
Internal Revenue Service

Name of the organization

AMERICAN INSTITUTE OF PHYSICS, INC.

Supplemental Information to Form 990 or 990-EZ

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OMB No. 1545-0047

2021

**Open to Public
Inspection**

Employer identification number

13-1667053

FORM 990, PART III, LINE 1:

AIP'S MISSION IS TO ADVANCE, PROMOTE, AND SERVE THE PHYSICAL SCIENCES FOR THE BENEFIT OF HUMANITY. AIP OFFERS PROGRAMS, PRODUCTS, AND SERVICES THAT

- 1) ADVANCE AND DISTRIBUTE THE KNOWLEDGE OF THE PHYSICAL SCIENCES AND ITS APPLICATIONS,
- 2) ENHANCE AND CULTIVATE THE PHYSICAL SCIENCES DISCIPLINES,
- 3) ENABLE AND FOSTER COLLABORATIVE EFFORTS AMONG STAKEHOLDERS IN THE PHYSICAL SCIENCES, AND
- 4) PROMOTE THE PHYSICAL SCIENCES TO THE PUBLIC, GOVERNMENT OFFICIALS, AGENCIES, AND THE MEDIA.

FORM 990, PART III, LINE 4A:

PROGRAM SERVICES: AIP PUBLISHING LLC (AIPP) IS A SINGLE MEMBER, NOT-FOR-PROFIT, LIMITED LIABILITY COMPANY OWNED BY THE AMERICAN INSTITUTE OF PHYSICS (AIP). AIPP IS A SCHOLARLY PUBLISHER IN THE PHYSICAL AND RELATED SCIENCES, PROVIDING THE GLOBAL SCIENCE COMMUNITY WITH A COMPREHENSIVE COLLECTION OF CITED, PEER REVIEWED SCIENTIFIC PAPERS AND OTHER INFORMATION. ACCESSED BY RESEARCHERS AT NEARLY 4,000 INSTITUTIONS WORLDWIDE, AIPP'S PORTFOLIO OF 20 JOURNALS INCLUDES PRESTIGIOUS TITLES SUCH AS APPLIED PHYSICS LETTERS, JOURNAL OF APPLIED PHYSICS, THE JOURNAL OF CHEMICAL PHYSICS, AND THE AIP CONFERENCE PROCEEDINGS. AIPP SUPPORTS THE SCIENTIFIC AND EDUCATIONAL MISSION OF AIP THROUGH ITS SCHOLARLY PUBLISHING ACTIVITIES AND ALSO WORKS WITH SEVERAL OF AIP'S MEMBER SOCIETIES AND OTHER PUBLISHING PARTNERS TO HELP ADVANCE THEIR PUBLISHING MISSION.

PHYSICS TODAY, AIP'S FLAGSHIP MAGAZINE, PROVIDES A UNIFYING INFLUENCE FOR

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

Department of the Treasury
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OMB No. 1545-0047

2021

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Inspection**

Employer identification number

THE PHYSICAL SCIENCES THROUGH ITS BROAD AND AUTHORITATIVE COVERAGE OF SCIENTIFIC RESEARCH, NEWS, AND OPINIONS OF RELEVANCE TO THE GLOBAL SCIENTIFIC COMMUNITY. THE MONTHLY MAGAZINE IS RECEIVED BY THE INDIVIDUAL MEMBERS OF AIP'S 10 CONSTITUENT SOCIETIES, LIBRARIES AND INSTITUTIONS AROUND THE WORLD, AND OTHER INTERESTED INDIVIDUALS. PHYSICS TODAY PUBLISHES ADDITIONAL NEWS, REVIEWS, AND COMMENTARY ON ITS WEBSITE, WHICH ATTRACTS MORE THAN 150 THOUSAND MONTHLY VISITORS. PHYSICS TODAY ALSO HAS A STRONG PRESENCE ON SOCIAL MEDIA, WITH NEARLY 3 MILLION FOLLOWERS ON FACEBOOK AND 240 THOUSAND ON TWITTER.

FORM 990, PART III, LINE 4B:

AIP PROGRAMS: IN KEEPING WITH ITS MISSION TO ADVANCE, PROMOTE AND SERVE THE PHYSICAL SCIENCES FOR THE BENEFIT OF HUMANITY, AIP OFFERS UNIQUE SERVICES, PRODUCTS, AND EXPERTISE IN:

EDUCATION AND STUDENT SERVICES, HISTORY OF PHYSICS, ARCHIVES AND LIBRARY, MEDIA AND GOVERNMENT RELATIONS, MAGAZINE PUBLISHING AND EMPLOYMENT SERVICES FOR SCIENCE AND ENGINEERING PROFESSIONALS, STATISTICAL RESEARCH, AND INDUSTRY OUTREACH.

WITH THE PURPOSE OF PROMOTING THE PROGRESS AND RELEVANCE OF THE PHYSICAL SCIENCES AND TO ADVANCE THEIR CONTRIBUTIONS AND RESPONSIVENESS TO SOCIETY, AIP GENERATES, COMMUNICATES, AND POPULARIZES KNOWLEDGE, UNIQUE EXPERTISE, AND AUTHORITATIVE INFORMATION.

THE SOCIETY OF PHYSICS STUDENTS (SPS) IS A SCIENTIFIC SOCIETY FOR PHYSICS

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

Department of the Treasury
Internal Revenue Service
Name of the organization

Supplemental Information to Form 990 or 990-EZ

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OMB No. 1545-0047

2021

**Open to Public
Inspection**

Employer identification number

AND ASTRONOMY UNDERGRADUATES AND THEIR MENTORS, WITH MORE THAN 4,600 MEMBERS AND 845 CHAPTERS NATIONWIDE AND 34 INTERNATIONAL CHAPTERS. SPS EXISTS TO SUPPORT UNDERGRADUATE STUDENTS WITH AN INTEREST IN PHYSICS, PHYSICS AND ASTRONOMY DEPARTMENTS, AND THE BROADER COMMUNITY.

SIGMA PI SIGMA, THE PHYSICS HONOR SOCIETY, RECOGNIZES OUTSTANDING SCHOLARS IN PHYSICS, ENCOURAGES INTEREST IN THE FIELD, AND PROMOTES AN ATTITUDE OF SERVICE AMONG IT OVER 76,000 MEMBERS AND 584 CHAPTERS TOWARDS THE ENTIRE PHYSICS COMMUNITY AND THE PUBLIC. A PRIMARY MISSION OF SIGMA PI SIGMA IS TO SUPPORT PHYSICISTS, UNDERGRADUATE DEPARTMENTS, AND ALUMNI BY IMPROVING DEPARTMENT HEALTH.

THE SOCIETY OF PHYSICS STUDENTS AND SIGMA PI SIGMA PROVIDE ENRICHING EXPERIENCES FOR STUDENTS INTERESTED IN THE PHYSICAL SCIENCES THROUGH INTERNSHIPS, SCHOLARSHIPS, FELLOWSHIPS, AND STUDENT PROGRAMS AT SCIENTIFIC MEETINGS - OPPORTUNITIES THAT ARE VITAL TO THE PROFESSIONAL DEVELOPMENT OF THE UNDERGRADUATE PHYSICS STUDENT.

THE HISTORY PROGRAMS OF THE AMERICAN INSTITUTE OF PHYSICS ENSURE THAT THE HERITAGE OF THE PHYSICAL SCIENCES IS SAFEGUARDED AND THAT THE PUBLIC CAN UNDERSTAND HOW THE PHYSICAL SCIENCES HAVE BEEN CENTRAL TO THE HISTORY OF THE MODERN WORLD. THE HISTORY OF THE PHYSICAL SCIENCES OFFERS A RICH FRAMEWORK OF EXCITING PAST ACHIEVEMENTS AND VALUABLE GUIDANCE FOR CURRENT AND FUTURE GENERATIONS. "TO PRESERVE AND MAKE KNOWN THE HISTORY OF THE PHYSICAL SCIENCES" IS THE MISSION SHARED BY THE CENTER FOR HISTORY OF

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

Department of the Treasury
Internal Revenue Service
Name of the organization

Supplemental Information to Form 990 or 990-EZ

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OMB No. 1545-0047

2021

**Open to Public
Inspection**

Employer identification number

PHYSICS (CHP) AND THE NIELS BOHR LIBRARY & ARCHIVES (NBL&A).

THE CORE ACTIVITIES OF CHP INCLUDE LOCATING AND PRESERVING PRIMARY SOURCE MATERIAL, SUPPORTING THE PRODUCTION OF HISTORY OF THE PHYSICAL SCIENCES, AND BRINGING THIS HISTORY TO A WIDE AUDIENCE. WE HELP WITH SOURCES MAINLY IN COLLABORATION WITH NBL&A AND THROUGH ORAL HISTORY INTERVIEWING, AN IMMEDIATE AND PERSONAL TESTIMONY TO SCIENCE IN PASSING GENERATIONS. WE SUPPORT HISTORICAL WRITING THROUGH GRANTS IN-AID AND THE HELLEMAN FELLOWSHIPS, AS WELL AS THROUGH THE EARLY CAREERS CONFERENCE AND OUR SUPPORT OF EMERGING SCHOLARS. WE SUPPORT EDUCATION AND ENGAGEMENT ABOUT THE HISTORY OF THE PHYSICAL SCIENCES THROUGH OUR TEACHING GUIDES AND HISTORY OF SCIENCE WEB EXHIBITS. CHP ALSO SPONSORS PUBLIC LECTURE SERIES, THE LYNE STARLING TRIMBLE SCIENCE HERITAGE PUBLIC LECTURES.

THE CENTER FOR HISTORY OF PHYSICS ENVISIONS AN EVEN MORE ACTIVE RESEARCH INSTITUTE IN THE FUTURE, WITH A MORE VIBRANT COMMUNITY OF HISTORIANS AND OTHER SCHOLARS, ALL WORKING TO BRING A GREATER UNDERSTANDING OF THE PHYSICAL SCIENCES TO K-12 SCHOOL AUDIENCES AND THE BROADER PUBLIC.

THE NIELS BOHR LIBRARY & ARCHIVES DOCUMENTS THE HISTORY OF AIP AND OTHER SCIENTIFIC INSTITUTIONS BY COLLECTING INSTITUTIONAL RECORDS AND OTHER PRIMARY RESOURCES THAT DETAIL THE ACTIVITIES OF THE ORGANIZATIONS AND HIGHLIGHT THE ROLES THAT THESE INSTITUTIONS PLAY IN THE WORLD AT LARGE, CAPTURING HOW SCIENTIFIC INSTITUTIONS PARTICIPATE IN GLOBAL MOVEMENTS LIKE SOCIAL INJUSTICES, INCLUSION, GLOBAL WARMING, AND PANDEMIC RESPONSE.

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

Department of the Treasury
Internal Revenue Service
Name of the organization

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OMB No. 1545-0047

2021

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Inspection**

Employer identification number

THE NBL&A ALSO PRESERVES ORAL HISTORY INTERVIEWS, PHOTOGRAPHS AND MEDIA, BOOKS, JOURNALS, AND OTHER PUBLISHED MATERIALS PERTAINING TO THE HISTORY OF THE PHYSICAL SCIENCES. IN RECENT YEARS, THE NBL&A HAS BROADENED THE SCOPE OF THE COLLECTIONS TO INCLUDE OLDER MATERIALS AND RARE BOOKS, DATING BACK TO THE 16TH AND 17TH CENTURIES, IN TOPICS THAT FORM THE FOUNDATION OF MODERN SCIENCE.

LOOKING TO THE FUTURE, THE NBL&A STRIVES TO SERVE AND CONNECT WITH OUR RESEARCH COMMUNITY THROUGH INCREASED OUTREACH AND PROMOTION OF OUR RESOURCES AND GLOBAL ACCESS TO OUR COLLECTIONS THROUGH STRATEGIC DIGITIZATION AND REMOTE ACCESS TO SELECTED MATERIALS.

AIP'S INSIDE SCIENCE IS AN EDITORIALY INDEPENDENT NEWS OUTLET THAT PRODUCES QUALITY, ACCURATE STEM (SCIENCE-TECHNOLOGY-EDUCATION-MATHEMATICS) NEWS. THE CONTENT IS AVAILABLE FOR SYNDICATION BY MAINSTREAM NEWS ORGANIZATIONS, INCLUDING THOSE THAT HAVE REDUCED OR ELIMINATED SCIENCE REPORTERS FROM THEIR STAFF. INSIDE SCIENCE PRODUCES NEWS ARTICLES AND VIDEOS TO COVER A WIDE ARRAY OF SCIENCE TOPICS.

THE AIP MEDIA SERVICES TEAM WORKS WITH AIP PUBLISHING, AIP MEMBER SOCIETIES, AND ALLIED ORGANIZATIONS TO PRODUCE AND PROMOTE TIMELY, ACCURATE PUBLIC DISSEMINATION OF SCIENTIFIC ADVANCES AND KNOWLEDGE. MEDIA SERVICES STAFFS PRESS ROOMS, ORGANIZES PRESS CONFERENCES AND PRODUCES HUNDREDS OF WRITTEN STORIES, VIDEOS, AND OTHER FORMS OF PUBLIC

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

Department of the Treasury
Internal Revenue Service
Name of the organization

Supplemental Information to Form 990 or 990-EZ

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OMB No. 1545-0047

2021

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Employer identification number

INFORMATION FOR THE PHYSICAL SCIENCES COMMUNITY, MEDIA, AND GENERAL
PUBLIC EVERY YEAR.

THE AIP STATISTICAL RESEARCH CENTER COLLECTS AND DISSEMINATES RELIABLE
AND TIMELY DATA ON EDUCATION, CAREERS, AND DIVERSITY IN PHYSICAL
SCIENCES. DATA ARE PUBLISHED IN THE AREAS OF ENROLLMENT, DEGREES,
DEMOGRAPHICS, REPRESENTATION OF WOMEN AND MINORITIES, EMPLOYMENT BY
ECONOMIC SECTOR, AND SALARY INFORMATION FOR PHYSICS AND ASTRONOMY
BACHELOR'S MASTER'S AND PHD HOLDERS. THE CENTER ALSO PROVIDES SURVEY
EXPERTISE AND CONTRACTS WITH MEMBER SOCIETIES AND OUTSIDE ORGANIZATIONS
TO CARRY OUT TARGETED STUDIES.

AIP VENTURE FUND (VF) USES A PORTION OF AIP'S STRATEGIC RESERVES AS A
BOARD-DESIGNATED FUND, THE PROCEEDS OF WHICH ARE USED TO FUND INNOVATIVE
PROJECTS BETWEEN ONE OR MORE-MEMBER SOCIETIES AND AIP. FOR A MEMBER
SOCIETY TO RECEIVE THIS GRANT, THE SOCIETY MUST SUBMIT A PROPOSAL TO THE
VF COMMITTEE. THE VF COMMITTEE, MADE UP OF INDEPENDENT MEMBERS, PERFORMS
A THOROUGH REVIEW OF SUBMISSIONS AND SHALL ADVISE THE BOARD AND MAKE
INDEPENDENT RECOMMENDATIONS ON THE DISTRIBUTION OF THE GRANTS.

AIP HAS INVESTED IN DIVERSITY, EQUITY, AND INCLUSION ACROSS THE
INSTITUTE. IN JANUARY 2020, THE TASK FORCE TO ELEVATE AFRICAN AMERICAN
REPRESENTATION IN UNDERGRADUATE PHYSICS AND ASTRONOMY (TEAM-UP) RELEASED
ITS GROUNDBREAKING REPORT, THE TIME IS NOW: SYSTEMIC CHANGES TO INCREASE
AFRICAN AMERICANS WITH BACHELOR'S DEGREES IN PHYSICS AND ASTRONOMY.

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

Department of the Treasury
Internal Revenue Service
Name of the organization

Supplemental Information to Form 990 or 990-EZ

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OMB No. 1545-0047

2021

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Employer identification number

RECOGNIZING THE IMPORTANCE OF BOTH INFORMATION AND ACTION, AIP DEDICATED FULL-TIME STAFF TO PROMOTE AND ADVANCE THE TEAM-UP REPORT RECOMMENDATIONS WITHIN THE PHYSICS AND ASTRONOMY ACADEMIC COMMUNITIES AND ASSEMBLED A COMMITTEE OF EXPERTS TO ORGANIZE IMPLEMENTATION WORKSHOPS AIMED AT HELPING THESE DEPARTMENTS CREATE ACTION PLANS AND ENVIRONMENTS WHERE AFRICAN AMERICAN STUDENTS CAN THRIVE.

THE AIP BOARD ESTABLISHED A DIVERSITY ACTION FUND FOR ACTION-BASED GRANTS TO SUPPORT OUR MEMBER SOCIETIES' INITIATIVES IN RESPONSE TO RACIAL INJUSTICES. THE FUND ALSO ESTABLISHED A JOINT AWARD WITH THE NATIONAL SOCIETY OF BLACK PHYSICISTS, THE AIP-NSBP JOSEPH A. JOHNSON II AWARD, WHICH HONORS DR. JOHNSON'S LEGACY AS A PIONEERING EXPERIMENTAL PHYSICIST, COFOUNDER OF NSBP, AND INSPIRATIONAL MENTOR TO COUNTLESS BLACK STUDENTS.

AIP PARTNERED WITH THE #BLACKINPHYSICS ORGANIZERS TO SPOTLIGHT BLACK PHYSICISTS - THEIR STORIES AND THEIR CONTRIBUTIONS TO SCIENCE AND SOCIETY. OUR FLAGSHIP PUBLICATION, PHYSICS TODAY, CREATED A #BLACKINPHYSICS WEEK ESSAY SERIES AS PART OF THAT PARTNERSHIP AND EACH YEAR DRAWS ATTENTION TO ISSUES AFFECTING WOMEN, LGBTQ PEOPLE, PEOPLE WITH DISABILITIES AND PEOPLE OF COLOR IN THE PHYSICAL SCIENCES.

AIP JOINS WITH OTHER SCIENTIFIC ORGANIZATIONS TO CONDEMN VIOLENCE AGAINST COMMUNITIES OF COLOR AND JOINED THE CEO ACTION FOR RACIAL EQUITY INITIATIVE AS PART OF THE CEO ACTION FOR DIVERSITY & INCLUSION ORGANIZATION. AIP CONTINUES AS A MEMBER OF THE SOCIETIES CONSORTIUM ON

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

Department of the Treasury
Internal Revenue Service
Name of the organization

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OMB No. 1545-0047

2021

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Employer identification number

SEXUAL HARASSMENT IN STEMM, WHICH PUSHES FOR EXCELLENCE IN STEMM FIELDS
AND FOR ADDRESSING ISSUES OF SEXUAL HARASSMENT.

FORM 990, PART VI, LINE 6:

EXPLANATION OF CLASSES OF MEMBERS OR SHAREHOLDERS:

AIP IS A NON-STOCK, NON-PROFIT MEMBER CORPORATION.

FORM 990, PART VI, LINE 7A:

HOW MEMBERS OF SHAREHOLDERS ELECT GOVERNING BOARD:

THE BOARD OF DIRECTORS IS COMPOSED OF THE FOLLOWING INDIVIDUALS: ONE (1)
INDIVIDUAL IS ELECTED OR APPOINTED BY EACH MEMBER (A MEMBER SOCIETY
DIRECTOR); NOT FEWER THAN TWO (2) AND NOT MORE THAN FOUR (4) INDIVIDUALS,
AS THE BOARD OF DIRECTORS SHALL DETERMINE, ELECTED BY THE BOARD OF
DIRECTORS (THE AT LARGE DIRECTORS); THE CHAIR OF THE BOARD OF DIRECTORS,
THE CORPORATE SECRETARY, AND THE CHIEF EXECUTIVE OFFICER, EX-OFFICIO (THE
EX-OFFICIO DIRECTORS).

FORM 990, PART VI, LINE 7B:

THE MEMBER SOCIETIES ARE NOT OFTEN CALLED UPON TO TAKE ACTION IN THEIR
ROLE AS THE VOTING MEMBERS OF AIP. RESPONSIBILITIES OF THE MEMBER
SOCIETIES INCLUDE:

-APPOINTING MEMBER SOCIETY DIRECTORS TO THE AIP BOARD, OR THEIR
RE-APPOINTMENT FOR A SECOND TERM.

-ADMITTING NEW MEMBER SOCIETIES TO THE FEDERATION.

-MAKING A FINAL DECISION IN THE EVENT THAT AIP EVER CONSIDERS A
FUNDAMENTAL CHANGE IN ITS STRUCTURE SUCH AS A MERGER, CONSOLIDATION,
DISSOLUTION OR SALE OF SUBSTANTIALLY ALL OF ITS ASSETS.

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

Department of the Treasury
Internal Revenue Service
Name of the organization

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OMB No. 1545-0047

2021

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Inspection**

Employer identification number

FORM 990, PART VI, LINE 11B:

FORM 990 REVIEW PROCESS:

THE FORM 990 IS PREPARED AND REVIEWED BY THE ORGANIZATION'S INDEPENDENT ACCOUNTING FIRM WITH THE ASSISTANCE OF AIP'S MANAGEMENT. THE FORM 990 IS THEN REVIEWED BY THE AUDIT COMMITTEE AND THEN MADE AVAILABLE TO ALL MEMBERS OF THE BOARD OF DIRECTORS PRIOR TO FILING.

FORM 990, PART VI, LINE 12C:

THE CONSOLIDATED AIP CONSISTS OF THE PARENT CORPORATION (AIP), ITS WHOLLY OWNED SUBSIDIARY AIP PUBLISHING LLC (AIPP), AND ITS WHOLLY OWNED SUBSIDIARY THE AIP FOUNDATION. DUE TO THE NATURE OF THE RELATIONSHIP BETWEEN AIP AND AIPP, EACH ORGANIZATION MAINTAINS AND MANAGES ITS OWN CONFLICT OF INTEREST (COI) POLICY. AT AIP, ANNUALLY, A CONFLICT OF INTEREST (COI) DISCLOSURE IS COMPLETED BY ALL AIP COVERED PERSONS (OFFICERS, DIRECTORS, AND KEY PERSONS). NO AIPP EMPLOYEES ARE AIP COVERED PERSONS. THE CHAIR OF THE AUDIT COMMITTEE AND THE CORPORATE SECRETARY REVIEW THE DISCLOSURES, EVALUATE IF THERE ARE CONFLICTS OF INTEREST THAT NEED TO BE MANAGED, AND REPORT THEIR FINDINGS TO THE AUDIT COMMITTEE. THE AUDIT COMMITTEE THEN DETERMINES THE NEXT STEPS WITH RESPECT TO MANAGING ANY CONFLICTS OF INTEREST. THE FINAL RESULTS OF THE DISCLOSURE REVIEWS AND ANY MANAGEMENT PLANS ARE REPORTED TO INDIVIDUAL DIRECTORS AND TO THE BOARD. AIP'S COI POLICY IS MADE AVAILABLE TO THE PUBLIC THROUGH AIP'S WEBSITE.

AT AIPP, ANNUALLY, ALL MEMBERS OF THE BOARD OF MANAGERS AND ALL OFFICERS

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

Department of the Treasury
Internal Revenue Service
Name of the organization

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OMB No. 1545-0047

2021

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Inspection**

Employer identification number

OF THE COMPANY CONFIRM THAT THEY HAVE READ, UNDERSTAND, AND AGREE TO COMPLY WITH AIPP'S COI POLICY. ALL OTHER AIPP EMPLOYEES ARE NOT REQUIRED TO CONFIRM ANNUALLY. THE CFO OF AIPP CERTIFIES ANNUALLY TO THE CFO OF AIP THAT AIPP IS REGULARLY AND CONSISTENTLY MONITORING AND ENFORCING COMPLIANCE WITH THE AIPP COI POLICY. AIPP DOES NOT MAKE ITS COI POLICY AVAILABLE TO THE PUBLIC.

FORM 990, PART VI, LINE 15A:

CEO: AIP'S BOARD OF DIRECTORS HAS DESIGNATED A COMPENSATION COMMITTEE TO MANAGE COMPENSATION OF AIP'S CEO. THE CHARTER OF THE COMPENSATION COMMITTEE PROVIDES FOR A PROCEDURE THAT IS CONSISTENT WITH APPLICABLE LAW AND BEST PRACTICES. THE CHARTER PROVIDES THAT THE COMMITTEE SHALL MAKE A RECOMMENDATION TO THE BOARD OF DIRECTORS WITH RESPECT TO THE COMPENSATION FOR THE CHIEF EXECUTIVE OFFICER. THE COMPENSATION COMMITTEE OBTAINS DATA AS TO COMPARABLE COMPENSATION FOR THE CHIEF EXECUTIVE OFFICER, RECOMMENDS TERMS OF THE CEO'S EMPLOYMENT AGREEMENT AND DETERMINES REASONABLE COMPENSATION LEVEL. THE COMMITTEE SUBMITS TO THE BOARD A RECOMMENDATION FOR THE CEO'S COMPENSATION FOR EACH FISCAL YEAR. THE BOARD OF DIRECTORS MAKES THE FINAL DECISION ON THE CEO'S COMPENSATION.

FORM 990, PART VI, LINE 15B:

COMPENSATION REVIEW AND APPROVAL PROCESS:
OFFICERS: A COMPENSATION CONSULTING FIRM IS RETAINED TO PERIODICALLY REVIEW THE COMPENSATION RANGES OF THE OFFICERS. THE CHIEF TALENT & CULTURE OFFICER PRESENTS THIS INFORMATION TO THE COMPENSATION COMMITTEE

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

Department of the Treasury
Internal Revenue Service

Name of the organization

Supplemental Information to Form 990 or 990-EZ

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OMB No. 1545-0047

2021

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Inspection**

Employer identification number

FOR INFORMATION PURPOSES ONLY.

FORM 990, PART VI, LINE 19:

OTHER ORGANIZATION DOCUMENTS MADE AVAILABLE TO THE PUBLIC:

THE AIP WEBSITE HAS A GOVERNANCE SECTION THAT INCLUDES CORPORATION
BYLAWS. ALSO ON THE WEBSITE ARE ANNUAL REPORTS THAT INCLUDE FINANCIAL
HIGHLIGHTS FOR AIP. THE ORGANIZATION'S CONFLICT OF INTEREST POLICY AND
FORM 990 ARE ALSO AVAILABLE ON THE WEBSITE.

FORM 990, PART XI, LINE 9:

OTHER CHANGES IN NET ASSETS OR FUND BALANCES:

FASB ADOPTION POST-RETIREMENT MEDICAL PLAN: \$185,290

OTHER ADJUSTMENT \$ 46,245

\$231,535

FORM 990, PART XII, LINE 2C:

AIPP PRODUCES A SINGLE AUDIT REPORT PREPARED BY THE SAME AUDIT FIRM USED
BY AIP. THE SINGLE AUDIT REPORT IS INCORPORATED INTO THE CONSOLIDATED
STATEMENTS OF AIP.

Name of the organization

AMERICAN INSTITUTE OF PHYSICS, INC.

Employer identification number

13-1667053

FORM 990, PART VII-COMPENSATION OF THE 5 HIGHEST PAID IND. CONTRACTORS

NAME AND ADDRESS	DESCRIPTION OF SERVICES	COMPENSATION
ORIGIN EDITORIAL, LLC 14274 W. 88TH DRIVE, UNIT A ARVADA, CO 80005	EDITORIAL OPERATIONS	1,814,169.
BRYAN CAVE LEIGHTON PAISNER 1155 F. STREET WASHINGTON, DC 20004	LEGAL FEES	620,525.
DPR CONSTRUCTION 1450 VETERANS BLOUVERD REDWOOD CITY, CA 94063	CONSTRUCTION & ENGIN	486,587.
OPTIMAL PERFORMANCE SEEKERS 8 MORGAN HILL DRIVE DOYLESTOWN, PA 18901	CONSULTING	352,000.
APC POSTAL LOGISTICS 140 EAST UNION AVENUE RUTHERFORD, NJ 07073	MAILING AND SHIPPING	323,482.

**SCHEDULE R
(Form 990)**

Department of the Treasury
Internal Revenue Service

Name of the organization

Related Organizations and Unrelated Partnerships

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

▶ Attach to Form 990.

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

OMB No. 1545-0047

2021

**Open to Public
Inspection**

Employer identification number

AMERICAN INSTITUTE OF PHYSICS, INC.

13-1667053

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) AIP PUBLISHING LLC 46-1881138 1305 WALT WHITMAN RD STE 300 MELVILLE, NY 11747	PUBLISHING	NY	67,953,000.	70,926.	AIP
(2)					
(3)					
(4)					
(5)					
(6)					

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) AMERICAN CENTER FOR PHYSICS 52-1712905 1 PHYSICS ELLIPSE COLLEGE PARK, MD 20740	OFFICE SPACE	MD	501(C)(3)	12B	N/A		X
(2) AIP FOUNDATION 83-4485064 1 PHYSICS ELLIPSE COLLEGE PARK, MD 20740	FUNDRAISING	DE	501(C)(3)	12A	AIP	X	
(3)							
(4)							
(5)							
(6)							
(7)							

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

Schedule R (Form 990) 2021

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	
(1) NEW CRYSTALLOGRAPHY JOURNAL, L 1305 WALT WHITMAN RD, STE 300	PUBLISHING	DE	N/A	RELATED	3,325.	45,151.		X			X	50.0000
(2)												
(3)												
(4)												
(5)												
(6)												
(7)												

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
(1) AIP GLOBAL, INC. 27-0602778 1305 WALT WHITMAN RD, STE 300 MELVILLE, NY 11747	INTL. OFFICE	DE	AIPP	C CORP	8,933.	155,962.	100.0000	X	
(2)									
(3)									
(4)									
(5)									
(6)									
(7)									

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.

	Yes	No
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		X
b Gift, grant, or capital contribution to related organization(s)	X	
c Gift, grant, or capital contribution from related organization(s)	X	
d Loans or loan guarantees to or for related organization(s)		X
e Loans or loan guarantees by related organization(s)		X
f Dividends from related organization(s)		X
g Sale of assets to related organization(s)		X
h Purchase of assets from related organization(s)		X
i Exchange of assets with related organization(s)		X
j Lease of facilities, equipment, or other assets to related organization(s)		X
k Lease of facilities, equipment, or other assets from related organization(s)		X
l Performance of services or membership or fundraising solicitations for related organization(s)	X	
m Performance of services or membership or fundraising solicitations by related organization(s)	X	
n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)	X	
o Sharing of paid employees with related organization(s)	X	
p Reimbursement paid to related organization(s) for expenses	X	
q Reimbursement paid by related organization(s) for expenses		X
r Other transfer of cash or property to related organization(s)		X
s Other transfer of cash or property from related organization(s)		X

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
(1) AIP FOUNDATION	B	200,000.	COST
(2) AIP FOUNDATION	O	610,144.	COST
(3) AIP GLOBAL, INC.	P	346,203.	COST
(4)			
(5)			
(6)			

Part VI **Unrelated Organizations Taxable as a Partnership.** Complete if the organization answered "Yes" on Form 990, Part IV, line 37.

Provide the following information for each entity taxed as a partnership through which the organization conducted more than five percent of its activities (measured by total assets or gross revenue) that was not a related organization. See instructions regarding exclusion for certain investment partnerships.

(a) Name, address, and EIN of entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Predominant income (related, unrelated, excluded from tax under sections 512 - 514)	(e) Are all partners section 501(c)(3) organizations?		(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		Yes	No	
(1)													
(2)													
(3)													
(4)													
(5)													
(6)													
(7)													
(8)													
(9)													
(10)													
(11)													
(12)													
(13)													
(14)													
(15)													
(16)													

Part VII Supplemental Information

Provide additional information for responses to questions on Schedule R. See instructions.

SCHEDULE R, PART III, LINE 1, COLUMN A:

NAME, ADDRESS & EIN OF RELATED ORGANIZATION

NEW CRYSTALLOGRAPHY JOURNAL, LLC

1305 WALT WHITMAN ROAD, SUITE 300

MELVILLE, NY 11747

EIN: 90-0988084

SCHEDULE R, PART IV, LINE 1, COLUMN D:

FOR THE CALENDAR YEAR 2021, AIP PUBLISHING LLC, A DISREGARDED ENTITY WITH
RESPECT TO AIP, OWNED 100% OF AIP GLOBAL.

FEDERAL FOOTNOTES

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THE TAXPAYER IS FILING AN AMENDED 2021 FORM 990 DUE TO AN ERROR IN ORIGINAL FILING BY OMITTING THE FOLLOWING TWO OFFICERS/DIRECTORS ON PART VII, SECTION A.

(1) MICHAEL MOLONEY

- (A) TITLE: CEO
- (B) AVG HRS PER WEEK: 40.00
AVG HRS PER WEEK FOR RELATED ORG: 10.00
- (C) POSITIONS: DIRECTOR AND OFFICER
- (D) REPORTABLE COMPENSATION:
BASE COMPENSATION: \$468,618
BONUS: \$81,500
OTHER: \$19,500
- (E) REPORTABLE COMPENSATION FROM RELATED ORG: NONE
- (F) DEFERRED COMPENSATION: \$29,000
NONTAXABLE BENEFITS: \$18,354

(17) DAVID HELFAND

- (A) TITLE: CHAIR
- (B) AVG HRS PER WEEK: 10.00
AVG HRS PER WEEK FOR RELATED ORG: 10.00
- (C) POSITIONS: DIRECTOR AND OFFICER
- (D) REPORTABLE COMPENSATION:
BASE COMPENSATION: \$70,000
BONUS: NONE
OTHER: NONE
- (E) REPORTABLE COMPENSATION FROM RELATED ORG: NONE
- (F) DEFERRED COMPENSATION: NONE
NONTAXABLE BENEFITS: NONE