

Form **990**
Department of the Treasury
Internal Revenue Service

Return of Organization Exempt From Income Tax

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

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.

OMB No. 1545-0047
2021
Open to Public Inspection

A For the 2021 calendar year, or tax year beginning 01-01-2021, and ending 12-31-2021

- 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

% CATHERINE G SWARTZ CFAO

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 207403843

D Employer identification number
13-1667053

E Telephone number
(301) 209-3100

G Gross receipts \$ 82,278,796

F Name and address of principal officer:
MICHAEL MOLONEY
One Physics Ellipse
College Park, MD 207403843

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.

H(c) Group exemption number ▶

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

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)	17
4 Number of independent voting members of the governing body (Part VI, line 1b)	15
5 Total number of individuals employed in calendar year 2021 (Part V, line 2a)	327
6 Total number of volunteers (estimate if necessary)	172
7a Total unrelated business revenue from Part VIII, column (C), line 12	4,006,701
7b Net unrelated business taxable income from Form 990-T, Part I, line 11	0

	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)	0	0
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

CATHERINE G SWARTZ CFO
Type or print name and title

2023-04-12
Date

Paid Preparer Use Only

Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN P01871563
Firm's name ▶ BDO USA LLP			Firm's EIN ▶	
Firm's address ▶ 8401 GREENSBORO DRIVE 800 MCLEAN, VA 22102			Phone no. (703) 893-0600	

Part III Statement of Program Service Accomplishments

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

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 \$ 0) (Revenue \$ 68,106,166)

See Additional Data

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

See Additional Data

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

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

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

Part IV Checklist of Required Schedules

		Yes	No
1	Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete Schedule A	Yes	
2	Is the organization required to complete Schedule B, Schedule of Contributors? See instructions.	Yes	
3	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I		No
4	Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If "Yes," complete Schedule C, Part II	Yes	
5	Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Rev. Proc. 98-19? If "Yes," complete Schedule C, Part III		No
6	Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? If "Yes," complete Schedule D, Part I		No
7	Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? If "Yes," complete Schedule D, Part II		No
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III	Yes	
9	Did the organization report an amount in Part X, line 21 for escrow or custodial account liability; serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? If "Yes," complete Schedule D, Part IV		No
10	Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi endowments? If "Yes," complete Schedule D, Part V	Yes	
11	If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X, as applicable.		
a	Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D, Part VI.	Yes	
b	Did the organization report an amount for investments—other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VII	Yes	
c	Did the organization report an amount for investments—program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VIII		No
d	Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part IX	Yes	
e	Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X	Yes	
f	Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? If "Yes," complete Schedule D, Part X	Yes	
12a	Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete Schedule D, Parts XI and XII		No
b	Was the organization included in consolidated, independent audited financial statements for the tax year? If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional	Yes	
13	Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E		No
14a	Did the organization maintain an office, employees, or agents outside of the United States?	Yes	
b	Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? If "Yes," complete Schedule F, Parts I and IV	Yes	
15	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? If "Yes," complete Schedule F, Parts II and IV	Yes	
16	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? If "Yes," complete Schedule F, Parts III and IV	Yes	
17	Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? If "Yes," complete Schedule G, Part I. See instructions.	Yes	
18	Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? If "Yes," complete Schedule G, Part II		No
19	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes," complete Schedule G, Part III		No
20a	Did the organization operate one or more hospital facilities? If "Yes," complete Schedule H		No
b	If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
21	Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? If "Yes," complete Schedule I, Parts I and II	Yes	

Part IV Checklist of Required Schedules (continued)

Table with 3 main columns: Question/Description, Yes, No. Rows include questions 22 through 38 regarding grants, compensation, tax-exempt bonds, excess benefit transactions, and related parties.

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 main columns: Question/Description, Yes, No. Rows include questions 1a, 1b, and 1c regarding Form 1096, Forms W-2G, and backup withholding rules.

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

2a Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return	<table border="1"> <tr> <td style="width: 10%;">2a</td> <td style="width: 70%;"></td> <td style="width: 20%; text-align: right;">327</td> </tr> </table>	2a		327		
2a		327				
b If at least one is reported on line 2a, did the organization file all required federal employment tax returns? Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file. See instructions.			2b	Yes		
3a Did the organization have unrelated business gross income of \$1,000 or more during the year?			3a	Yes		
b If "Yes," has it filed a Form 990-T for this year? <i>If "No" to line 3b, provide an explanation in Schedule O</i>			3b	Yes		
4a At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)? b If "Yes," enter the name of the foreign country: ▶CH See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR).			4a	Yes		
5a Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?			5a	No		
b Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?			5b	No		
c If "Yes," to line 5a or 5b, did the organization file Form 8886-T?			5c			
6a Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions?			6a	No		
b If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?			6b			
7 Organizations that may receive deductible contributions under section 170(c).						
a Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?			7a	No		
b If "Yes," did the organization notify the donor of the value of the goods or services provided?			7b			
c Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?			7c	No		
d If "Yes," indicate the number of Forms 8282 filed during the year	<table border="1"> <tr> <td style="width: 10%;">7d</td> <td style="width: 70%;"></td> </tr> </table>	7d				
7d						
e Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?			7e	No		
f Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?			7f	No		
g If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?			7g			
h If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?			7h			
8 Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year?						
9 Sponsoring organizations maintaining donor advised funds.						
a Did the sponsoring organization make any taxable distributions under section 4966?			9a			
b Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?			9b			
10 Section 501(c)(7) organizations. Enter:						
a Initiation fees and capital contributions included on Part VIII, line 12	<table border="1"> <tr> <td style="width: 10%;">10a</td> <td style="width: 70%;"></td> </tr> </table>	10a				
10a						
b Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities	<table border="1"> <tr> <td style="width: 10%;">10b</td> <td style="width: 70%;"></td> </tr> </table>	10b				
10b						
11 Section 501(c)(12) organizations. Enter:						
a Gross income from members or shareholders	<table border="1"> <tr> <td style="width: 10%;">11a</td> <td style="width: 70%;"></td> </tr> </table>	11a				
11a						
b Gross income from other sources. (Do not net amounts due or paid to other sources against amounts due or received from them.)	<table border="1"> <tr> <td style="width: 10%;">11b</td> <td style="width: 70%;"></td> </tr> </table>	11b				
11b						
12a Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?						
b If "Yes," enter the amount of tax-exempt interest received or accrued during the year.	<table border="1"> <tr> <td style="width: 10%;">12b</td> <td style="width: 70%;"></td> </tr> </table>	12b				
12b						
13 Section 501(c)(29) qualified nonprofit health insurance issuers.						
a Is the organization licensed to issue qualified health plans in more than one state? Note. See the instructions for additional information the organization must report on Schedule O.			13a			
b Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans	<table border="1"> <tr> <td style="width: 10%;">13b</td> <td style="width: 70%;"></td> </tr> </table>	13b				
13b						
c Enter the amount of reserves on hand	<table border="1"> <tr> <td style="width: 10%;">13c</td> <td style="width: 70%;"></td> </tr> </table>	13c				
13c						
14a Did the organization receive any payments for indoor tanning services during the tax year?			14a	No		
b If "Yes," has it filed a Form 720 to report these payments? <i>If "No," provide an explanation in Schedule O</i>			14b			
15 Is the organization subject to the section 4960 tax on payment(s) of more than \$1,000,000 in remuneration or excess parachute payment(s) during the year? If "Yes," see the instructions and file Form 4720, Schedule N.			15	No		
16 Is the organization an educational institution subject to the section 4968 excise tax on net investment income? If "Yes," complete Form 4720, Schedule O.			16	No		
17 Section 501(c)(21) organizations. Did the trust, any disqualified person, or mine operator engage in any activities that would result in the imposition of an excise tax under section 4951, 4952, or 4953? If "Yes," complete Form 6069.			17			

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



Section A. Governing Body and Management

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

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

Table with 3 columns: Question, Yes, No. Rows include: 10a, 10b, 11a, 12a, 12b, 12c, 13, 14, 15a, 15b, 16a, 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 Form 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.
19 Describe in 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 207403843 (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

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, or highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

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 (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			
See Additional Data Table										

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/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			
See Additional Data Table										
1b Sub-Total										
1c Total from continuation sheets to Part VII, Section A										
1d Total (add lines 1b and 1c)							4,583,426	0	587,891	

1b Sub-Total			
1c Total from continuation sheets to Part VII, Section A			
1d Total (add lines 1b and 1c)		4,583,426	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>	Yes	
4 For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If "Yes," complete Schedule J for such individual</i>	Yes	
5 Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? <i>If "Yes," complete Schedule J for such person</i>		No

Section B. Independent Contractors

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

(A) Name and business address	(B) Description of services	(C) Compensation
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 BlouERd 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

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization ▶ 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	2a PUBLISHING RELATED	Business Code 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		0				
	5 Royalties		0				
	6a Gross rents	(i) Real	(ii) Personal				
		6b Less: rental expenses					
		6c Rental income or (loss)	0	0			
		d Net rental income or (loss)			0		
	7a Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other				
		7b Less: cost or other basis and sales expenses					
		7c Gain or (loss)	191,622				
		d Net gain or (loss)			191,622		191,622
	8a Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c). See Part IV, line 18						
		8b Less: direct expenses		0			
		c Net income or (loss) from fundraising events			0		
	9a Gross income from gaming activities. See Part IV, line 19						
9b Less: direct expenses			0				
c Net income or (loss) from gaming activities				0			
10a Gross sales of inventory, less returns and allowances							
	10b Less: cost of goods sold		0				
	c Net income or (loss) from sales of inventory			0			
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	0			
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)	0			
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 (non-employees):				
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	0			
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	0			
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	0			
19 Conferences, conventions, and meetings	161,341	154,211	7,130	
20 Interest	15,201		15,201	
21 Payments to affiliates	0			
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 in 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 IX

		(A) Beginning of year		(B) End of year
Assets	1 Cash—non-interest-bearing	23,803,595	1	24,392,116
	2 Savings and temporary cash investments	5,002,847	2	1,928,244
	3 Pledges and grants receivable, net	89,034	3	0
	4 Accounts receivable, net	4,059,727	4	4,501,876
	5 Loans and other receivables from any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons	0	5	0
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), and persons described in section 4958(c)(3)(B)	0	6	0
	7 Notes and loans receivable, net	185,297	7	190,072
	8 Inventories for sale or use	0	8	225,387
	9 Prepaid expenses and deferred charges	3,987,352	9	3,701,928
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 13,618,573		
	b Less: accumulated depreciation	10b 11,818,789	2,487,865	10c 1,799,784
	11 Investments—publicly traded securities	183,957,664	11	195,502,617
	12 Investments—other securities. See Part IV, line 11	23,514,411	12	36,268,317
	13 Investments—program-related. See Part IV, line 11	608,009	13	608,009
	14 Intangible assets	0	14	1,244,883
	15 Other assets. See Part IV, line 11	17,628,031	15	19,473,089
16 Total assets. Add lines 1 through 15 (must equal line 33)	265,323,832	16	289,836,322	
Liabilities	17 Accounts payable and accrued expenses	5,718,446	17	9,532,169
	18 Grants payable	0	18	0
	19 Deferred revenue	22,221,027	19	21,316,956
	20 Tax-exempt bond liabilities	0	20	0
	21 Escrow or custodial account liability. Complete Part IV of Schedule D	0	21	0
	22 Loans and other payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons	0	22	0
	23 Secured mortgages and notes payable to unrelated third parties	0	23	0
	24 Unsecured notes and loans payable to unrelated third parties	0	24	0
	25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17 - 24). Complete Part X of Schedule D	10,997,334	25	9,295,476
	26 Total liabilities. Add lines 17 through 25	38,936,807	26	40,144,601
Net Assets or Fund Balances	Organizations that follow FASB ASC 958, check here <input checked="" type="checkbox"/> and complete lines 27, 28, 32, and 33.			
	27 Net assets without donor restrictions	184,115,473	27	204,181,811
	28 Net assets with donor restrictions	42,271,552	28	45,509,910
	Organizations that do not follow FASB ASC 958, check here <input type="checkbox"/> and complete lines 29 through 33.			
	29 Capital stock or trust principal, or current funds		29	
	30 Paid-in or capital surplus, or land, building or equipment fund		30	
	31 Retained earnings, endowment, accumulated income, or other funds		31	
32 Total net assets or fund balances	226,387,025	32	249,691,721	
33 Total liabilities and net assets/fund balances	265,323,832	33	289,836,322	

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 in 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 in 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 in Schedule O and describe any steps taken to undergo such audits.

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

Additional Data

Software ID:

Software Version:

EIN: 13-1667053

Name: American Institute of Physics Inc

Form 990 (2021)

Form 990, Part III, Line 4a:

PUBLISHING RELATED. SEE SCHEDULE O

Form 990, Part III, Line 4b:

PHYSICAL SCIENCE PROGRAMS AND RESOURCES. SEE SCHEDULE O

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

(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			
MICHAEL MOLONEY CEO	40.0 10.0	X		X				569,618	0	47,354
ALEXANDRA VANCE AIPP, CEO	40.0 0.0				X			485,244	0	55,927
ROY LEVENSON AIPP, CFO	40.0 0.0				X			406,677	0	49,844
DEAN SANDERSON AIPP, CHIEF STRATEGY OFFICER	40.0 0.0				X			368,314	0	35,702
CATHERINE SWARTZ CFAO	40.0 10.0			X				342,667	0	47,266
STEPHEN MACKWELL DEO	40.0 0.0			X				257,318	0	29,437
KEVIN STEINER AIPP, HEAD OF GLOBAL SALES	40.0 0.0				X			235,699	0	49,730
TRACY DENIEN AIPP, HEAD OF INFO TECHNOLOGY	40.0 0.0				X			222,851	0	62,052
SARA GIRARD AIPP, HEAD OF MKT AND COM	40.0 0.0					X		224,824	0	48,249
JASON WILDE AIPP, CHIEF PUB. OFF.	40.0 0.0						X	260,407	0	0

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors										
(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			
MADLINE SUTTON AIPP, HEAD OF PEOPLE & CULTURE	40.0 0.0					X		199,500	0	45,950
RACHEL IVIE SENIOR RESEARCH FELLOW	40.0 0.0					X		188,316	0	56,884
PENELOPE DONHAUSER AIPP, CHIEF PUBLISHING OFFICER	40.0 0.0				X			242,324	0	1,827
SHERRY RENDER CONTROLLER & DIR OF FINANCE	40.0 0.0					X		191,662	0	37,950
NANCY RAWLES CHIEF TALENT & CULTURE OFFICER	40.0 0.0					X		200,587	0	17,198
LARRY FISHBEIN SR DIR NEWS & MAGAZINES	40.0 0.0				X			117,418	0	2,521
DAVID HELFAND CHAIR	10.0 10.0	X		X				70,000	0	0
JUDY DUBNO SECRETARY	10.0 0.0	X		X				0	0	0
SUSAN AVERY VICE CHAIR & DIR AT LARGE	8.0 0.0	X						0	0	0
JOHN KENT TREASURE & DIR AT LARGE	8.0 4.0	X		X				0	0	0

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

(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			
SUSAN BURKETT DIRECTOR	4.0 0.0	X						0	0	0
BRUCE CURRAN DIRECTOR	4.0 0.0	X						0	0	0
ERIC FURST DIRECTOR	4.0 0.0	X						0	0	0
JACK HEHN DIRECTOR	8.0 0.0	X						0	0	0
ALLISON MACFARLANE DIRECTOR	4.0 0.0	X						0	0	0
MICHAEL MORGAN DIRECTOR	8.0 0.0	X						0	0	0
ELIZABETH NOLAN DIRECTOR	4.0 0.0	X						0	0	0
TYRONE PORTER DIRECTOR	4.0 0.0	X						0	0	0
EFRAIN RODRIQUEZ DIRECTOR	4.0 0.0	X						0	0	0
LIZ ROGAN DIRECTOR	4.0 0.0	X						0	0	0

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

(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			
NATHAN SANDERS DIRECTOR	4.0 0.0	X						0	0	0
JAMES TAYLOR DIRECTOR	4.0 3.0	X						0	0	0
CHICK WOODWARD DIRECTOR	8.0 0.0	X						0	0	0

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 **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		
Total						

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 failed 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; 5 The portion of total contributions by each person; 6 Public support.

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; 10 Other income; 11 Total support; 12 Gross receipts from related activities; 13 First 5 years.

Section C. Computation of Public Support Percentage

Table with 2 columns: Description, Percentage. Rows include: 14 Public support percentage for 2021; 15 Public support percentage for 2020; 16a 33 1/3% support test—2021; 16b 33 1/3% support test—2020; 17a 10%-facts-and-circumstances test—2021; 17b 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.")	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						0
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						0
5 The value of services or facilities furnished by a governmental unit to the organization without charge						0
6 Total. Add lines 1 through 5	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.						0
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.						0
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 on line 10b, whether or not the business is regularly carried on.						0
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)	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.**

Section C. Computation of Public Support Percentage

15 Public support percentage for 2021 (line 8, column (f) divided by line 13, column (f))	15	85.936 %
16 Public support percentage from 2020 Schedule A, Part III, line 15	16	86.626 %

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2021 (line 10c, column (f) divided by line 13, column (f))	17	7.477 %
18 Investment income percentage from 2020 Schedule A, Part III, line 17	18	7.574 %

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

Section A. All Supporting Organizations

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

Part 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 11a above?		
c	A 35% controlled entity of a person described on line 11a or 11b above? <i>If "Yes" to 11a, 11b, or 11c, provide detail in Part VI.</i>		

Section B. Type I Supporting Organizations

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

Section C. Type II Supporting Organizations

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

Section D. All Type III Supporting Organizations

		Yes	No
1	Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?		
2	Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization (s) or (ii) serving on the governing body of a supported organization? <i>If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).</i>		
3	By reason of the relationship described in 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** The organization satisfied the Activities Test. Complete **line 2** below.
 - b** The organization is the parent of each of its supported organizations. Complete **line 3** below.
 - c** The organization supported a governmental entity. Describe in **Part VI** how you supported a government entity (see instructions)

2 Activities Test. **Answer 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):	1	
a	Average monthly value of securities	1a	
b	Average monthly cash balances	1b	
c	Fair market value of other non-exempt-use assets	1c	
d	Total (add lines 1a, 1b, and 1c)	1d	
e	Discount claimed for blockage or other factors (<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 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 (<i>prior IRS approval required - provide details in Part VI</i>)	5
6 Other distributions (<i>describe in Part VI</i>). 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 (<i>provide details in Part VI</i>). 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-- <i>explain in Part VI</i>). 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 e			
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. If the amount is greater than zero, <i>explain in Part VI</i> . See instructions.			
6 Remaining underdistributions for 2021. Subtract lines 3h and 4b from line 1. If the amount is greater than zero, <i>explain in Part VI</i> . 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).

Facts And Circumstances Test

SCHEDULE C
(Form 990)

Department of the Treasury
Internal Revenue Service

Political Campaign and Lobbying Activities
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.

OMB No. 1545-0047
2021
Open to Public Inspection

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 the 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				

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 (grass roots lobbying)
- 1b Total lobbying expenditures to influence a legislative body (direct lobbying)
- 1c Total lobbying expenditures (add lines 1a and 1b)
- 1d Other exempt purpose expenditures
- 1e Total exempt purpose expenditures (add lines 1c and 1d)
- 1f Lobbying nontaxable amount. Enter the amount from the following table in both columns.

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? Yes 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)).

For each "Yes" response on lines 1a through 1i below, provide in Part IV a detailed description of the lobbying activity.

		(a)		(b)
		Yes	No	Amount
1	During the year, did the filing organization attempt to influence foreign, national, state or local legislation, including any attempt to influence public opinion on a legislative matter or referendum, through the use of:			
a	Volunteers?	Yes		
b	Paid staff or management (include compensation in expenses reported on lines 1c through 1i)?	Yes		
c	Media advertisements?		No	
d	Mailings to members, legislators, or the public?		No	
e	Publications, or published or broadcast statements?		No	
f	Grants to other organizations for lobbying purposes?		No	
g	Direct contact with legislators, their staffs, government officials, or a legislative body?	Yes		80,000
h	Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?		No	
i	Other activities?		No	
j	Total. Add lines 1c through 1i			80,000
2a	Did the activities in line 1 cause the organization to be not described in section 501(c)(3)?		No	
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).

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

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."

1 Dues, assessments and similar amounts from members	1	
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	2a	
b Carryover from last year	2b	
c Total	2c	
3 Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues .	3	
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?	4	
5 Taxable amount of lobbying and political expenditures. See Instructions	5	

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.

Return Reference	Explanation
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) Department of the Treasury Internal Revenue Service

Supplemental Financial Statements

OMB No. 1545-0047 2021 Open to Public Inspection

Complete if the organization answered "Yes," on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b. Attach to Form 990. 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 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 total number at end of year, aggregate value of contributions, grants, and end of year.

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

Form for Part II Conservation Easements. Includes checkboxes for preservation types and a table for conservation details (2a-2d).

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.

Form for Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets. Includes questions about reporting and amounts.

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

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

Part IV Escrow and Custodial Arrangements.

Complete if the organization answered "Yes" 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:
- c** Beginning balance
- d** Additions during the year
- e** Distributions during the year
- f** Ending balance

	Amount
1c	
1d	
1e	
1f	

- 2a** Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? . . . **Yes** **No**
- b** If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided in Part XIII

Part V Endowment Funds.

Complete if the organization answered "Yes" 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 ▶ 81.000 %
- b** Permanent endowment ▶ 11.000 %
- c** Term endowment ▶ 8.000 %

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)		No
3a(ii)		No
3b		

- b** If "Yes" on 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 10(c).) . . . ▶				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	F
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
(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)		
(10)		
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)	
(10)	
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	0
(2) POST RETIREMENT MEDICAL PLAN	6,935,821
(3) DUE TO MEMBER SOCIETIES	1,005,301
(4) DEFERRED RENT	1,354,354
(4)	
(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 FIN 48 (ASC 740). Check here if the text of the footnote has been provided in Part XIII

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

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

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

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

Return Reference	Explanation
See Additional Data Table	

Part XIII Supplemental Information *(continued)*

Return Reference	Explanation

Additional Data

Software ID:

Software Version:

EIN: 13-1667053

Name: American Institute of Physics Inc

Supplemental Information

Return Reference	Explanation
SCHEDULE D, PART V, LINE 4:	<p>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 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.</p>

Supplemental Information

Return Reference	Explanation
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)**

Department of the Treasury
Internal Revenue Service

Statement of Activities Outside the United States

▶ Complete if the organization answered "Yes" to Form 990, Part IV, line 14b, 15, or 16.
▶ Attach to Form 990.
▶ 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 **General Information on Activities Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 14b.

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

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in the region	(d) Activities conducted in 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) See Add'l Data					
(2)					
(3)					
(4)					
(5)					
3a Sub-total	1	2			358,345
b Total from continuation sheets to Part I					
c Totals (add lines 3a and 3b)	1	2			358,345

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)								

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

3 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.

990 Schedule F, Supplemental Information

Return Reference	Explanation
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.

990 Schedule F, Supplemental Information

Return Reference	Explanation
SCHEDULE F, PART I, LINE 3F:	THE ACCOUNTING METHOD USED FOR THE EXPENDITURES SHOWN IS THE ACCRUAL BASIS.

Additional Data

Software ID:

Software Version:

EIN: 13-1667053

Name: American Institute of Physics Inc

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
East Asia and the Pacific	1	2	Program Services	LIAISON OFFICE	346,203
Europe (Including Iceland and Greenland)	0	0	Grantmaking		9,642

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Middle East and North Africa	0	0	Grantmaking		2,000
East Asia and the Pacific	0	0	Grantmaking		500

SCHEDULE G (Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Information Regarding Fundraising or Gaming Activities
Complete if the organization answered "Yes" on Form 990, Part IV, lines 17, 18, or 19, or if the organization entered more than \$15,000 on Form 990-EZ, line 6a.
▶ Attach to Form 990 or Form 990-EZ.
▶ 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 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			
1 Johnson Grossnickle Assc 29 South Park Blvd Greenwood, IN 46143	Consulting		No		42,623	-42,623
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.

Revenue		(a) Event #1	(b) Event #2	(c) Other events	(d) Total events
		(event type)	(event type)	(total number)	(add col. (a) through col. (c))
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.

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

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

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

b If "No," explain: _____

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

b If "Yes," explain: _____

- 11** Does the organization conduct gaming activities with nonmembers? Yes No
- 12** Is the organization a grantor, beneficiary or trustee of a trust or a member of a partnership or other entity formed to administer charitable gaming? Yes No
- 13** Indicate the percentage of gaming activity conducted in:
- | | | |
|--------------------------------------|------------|---|
| a The organization's facility | 13a | % |
| b An outside facility | 13b | % |

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

Name ▶

Address ▶

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

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

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

Name ▶

Address ▶

16 Gaming manager information:

Name ▶

Gaming manager compensation ▶ \$

Description of services provided ▶

- Director/officer Employee Independent contractor

17 Mandatory distributions:

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

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

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

Return Reference	Explanation
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Note: To capture the full content of this document, please select landscape mode (11" x 8.5") when printing.

Schedule I (Form 990)

Grants and Other Assistance to Organizations, Governments and Individuals in 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 21 or 22.

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

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

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

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

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

Part III Grants and Other Assistance to Domestic Individuals. Complete if the organization answered "Yes" 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 noncash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of noncash 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			
(5)					
(6)					
(7)					

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

Return Reference	Explanation
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 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.

Additional Data

Software ID:
Software Version:
EIN: 13-1667053
Name: American Institute of Physics Inc

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(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 non-cash assistance	(h) Purpose of grant or assistance
American Physical Society 1 Physics Ellipse College Park, MD 20740	13-1656610	501(c)(3)	10,000				SEE PART IV
American Physical Society 1 Physics Ellipse College Park, MD 20740	13-1656610	501(c)(3)	6,750				SEE PART IV

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(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 non-cash assistance	(h) Purpose of grant or assistance
Univerity of Maryland Foundation 3300 Metzertott Road College Park, MD 20783	52-1125663	501(c)(3)	1,000,000				SEE PART IV
University of Mount Union 1972 Clark Avenue Allance, OH 44601	34-0714687	501(c)(3)	9,500				SEE PART IV

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(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 non-cash assistance	(h) Purpose of grant or assistance
Univeristy of North Florida 1 UNF Drive Jacksonville, FL 32224	59-2979169	501(c)(3)	12,500				SEE PART IV

Schedule J
(Form 990)

Compensation Information

OMB No. 1545-0047
2021
Open to Public Inspection

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.

Department of the Treasury
Internal Revenue Service

Name of the organization
American Institute of Physics Inc

Employer identification number
13-1667053

Part I Questions Regarding Compensation

	Yes	No								
<p>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.</p> <table border="0"> <tr> <td><input type="checkbox"/> First-class or charter travel</td> <td><input type="checkbox"/> Housing allowance or residence for personal use</td> </tr> <tr> <td><input type="checkbox"/> Travel for companions</td> <td><input type="checkbox"/> Payments for business use of personal residence</td> </tr> <tr> <td><input checked="" type="checkbox"/> Tax idemnification and gross-up payments</td> <td><input type="checkbox"/> Health or social club dues or initiation fees</td> </tr> <tr> <td><input type="checkbox"/> Discretionary spending account</td> <td><input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef)</td> </tr> </table>	<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 idemnification 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 (e.g., maid, chauffeur, chef)		
<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 idemnification 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 (e.g., maid, chauffeur, chef)									
<p>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</p>	1b Yes									
<p>2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked on Line 1a?</p>	2 Yes									
<p>3 Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> Compensation committee</td> <td><input type="checkbox"/> Written employment contract</td> </tr> <tr> <td><input checked="" type="checkbox"/> Independent compensation consultant</td> <td><input checked="" type="checkbox"/> Compensation survey or study</td> </tr> <tr> <td><input checked="" type="checkbox"/> Form 990 of other organizations</td> <td><input checked="" type="checkbox"/> Approval by the board or compensation committee</td> </tr> </table>	<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				
<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									
<p>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:</p> <p>a Receive a severance payment or change-of-control payment?</p> <p>b Participate in, or receive payment from, a supplemental nonqualified retirement plan?</p> <p>c Participate in, or receive payment from, an equity-based compensation arrangement?</p> <p>If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.</p>	4a Yes	4b No 4c No								
<p>Only 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.</p>										
<p>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:</p> <p>a The organization?</p> <p>b Any related organization?</p> <p>If "Yes," on line 5a or 5b, describe in Part III.</p>	5a No 5b No									
<p>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:</p> <p>a The organization?</p> <p>b Any related organization?</p> <p>If "Yes," on line 6a or 6b, describe in Part III.</p>	6a No 6b No									
<p>7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described in lines 5 and 6? If "Yes," describe in Part III.</p>	7	No								
<p>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.</p>	8	No								
<p>9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?</p>	9									

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

For each individual whose compensation must be reported 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 are not listed on Form 990, Part VII.

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

(A) Name and Title	(B) Breakdown of W-2, 1099-MISC compensation, and/or 1099-NEC			(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				
See Additional Data Table							

Part III Supplemental Information

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

Return Reference	Explanation
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.

Part III Supplemental Information

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

Return Reference	Explanation
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 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.

Part III Supplemental Information

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

Return Reference	Explanation
Schedule J, Part I, Line 4a	STEPHEN MACKWELL \$102,199 LARRY FISHBEIN \$ 92,559 JASON WILDE \$207,837

SCHEDULE O
(Form 990)Department of the Treasury
Internal Revenue Service**Supplemental Information to Form 990 or 990-EZ**Complete to provide information for responses to specific questions on
Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

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

OMB No. 1545-0047

2021**Open to Public
Inspection**Name of the organization
American Institute of Physics Inc

Employer identification number

13-1667053

990 Schedule O, Supplemental Information

Return Reference	Explanation
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.

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART III, LINE 4A:	<p>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 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.</p>

990 Schedule O, Supplemental Information

Return Reference	Explanation
<p>FORM 990, PART III, LINE 4B:</p>	<p>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 AUTHORITY INFORMATION. THE SOCIETY OF PHYSICS STUDENTS (SPS) IS A SCIENTIFIC SOCIETY FOR PHYSICS 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 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</p>

990 Schedule O, Supplemental Information

Return Reference	Explanation
<p>FORM 990, PART III, LINE 4B:</p>	<p>ES, 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. 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 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</p>

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART III, LINE 4B:	<p>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. 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 #BLACKINPHYSICISTS 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 SEXUAL HARASSMENT IN STEMM, WHICH PUSHES FOR EXCELLENCE IN STEMM FIELDS AND FOR ADDRESSING ISSUES OF SEXUAL HARASSMENT.</p>

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, LINE 6:	EXPLANATION OF CLASSES OF MEMBERS OR SHAREHOLDERS: AIP IS A NON-STOCK, NON-PROFIT MEMBER CORPORATION.

990 Schedule O, Supplemental Information

Return Reference	Explanation
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).

990 Schedule O, Supplemental Information

Return Reference	Explanation
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.

990 Schedule O, Supplemental Information

Return Reference	Explanation
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.

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, LINE 12C:	<p>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 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.</p>

990 Schedule O, Supplemental Information

Return Reference	Explanation
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.

990 Schedule O, Supplemental Information

Return Reference	Explanation
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 FOR INFORMATION PURPOSES ONLY.

990 Schedule O, Supplemental Information

Return Reference	Explanation
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.

990 Schedule O, Supplemental Information

Return Reference	Explanation
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

990 Schedule O, Supplemental Information

Return Reference	Explanation
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.

**SCHEDULE R
(Form 990)**

Related Organizations and Unrelated Partnerships

OMB No. 1545-0047

2021

**Open to Public
Inspection**

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.**
▶ **Attach to Form 990.**
▶ **Go to www.irs.gov/Form990 for instructions and the latest information.**

Department of the Treasury
Internal Revenue Service

Name of the organization
American Institute of Physics Inc

Employer identification number

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 1305 WALT WHITMAN RD STE 300 MELVILLE, NY 11747 46-1881138	PUBLISHING	NY	67,953,000	70,926	AIP

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 1 PHYSICS ELLIPSE COLLEGE PARK, MD 20740 52-1712905	OFFICE SPACE	MD	501(C)(3)	12B	na		No
(2) AIP Foundation 1 PHYSICS ELLIPSE College Park, MD 20740 83-4485064	Fundraising	DE	501(C)(3)	12A	AIP	Yes	

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 LLC 1305 WALT WHITMAN RD STE 300 MELVILLE, NY 11747 90-0988084	PUBLISHING	DE	NA	RELATED	3,325	45,151		No			No	50.000 %

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 1305 WALT WHITMAN RD STE 300 MELVILLE, NY 11747 27-0602778	INTL. OFFICE	DE	AIPP	C CORP	8,933	155,962	100.000 %	Yes	

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

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

(a) Name of related organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved
(1) AIP FOUNDATION	B	200,000	COST
(2) AIP FOUNDATION	O	610,144	COST
(3) AIP GLOBAL INC	P	346,203	COST

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	

Part VII **Supplemental Information**

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

Return Reference	Explanation
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

Return Reference	Explanation
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.