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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 black lung benefit trust or private foundation)

▶ The organization may have to use a copy of this return to satisfy state reporting requirements

OMB No 1545-0047

2012

Open to Public Inspection

A For the 2012 calendar year, or tax year beginning 01-01-2012 , 2012, and ending 12-31-2012

B Check if applicable
- ☐ Address change
- ☐ Name change
- ☐ Initial return
- ☐ Terminated
- ☐ Amended return
- ☐ Application pending

C Name of organization
AMERICAN INSTITUTE OF PHYSICS INC

Doing Business As

Number and street (or P O box if mail is not delivered to street address) | Room/suite
ONE PHYSICS ELLIPSE
Suite

City or town, state or country, and ZIP + 4
COLLEGE PARK, MD 207403843

D Employer identification number
13-1667053

E Telephone number
(301) 209-3100

G Gross receipts $ 100,922,946

F Name and address of principal officer
H FREDERICK DYLLA
ONE PHYSICS ELLIPSE
COLLEGE PARK, MD 207403843

H(a) Is this a group return for affiliates? ☐ Yes ☑ No

H(b) Are all affiliates 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

Activities & Governance

1 Briefly describe the organization's mission or most significant activities
AIP PROMOTES THE ADVANCEMENT OF PHYSICS INCLUDING THE PROMOTION OF RESEARCH IN THE PHYSICAL SCIENCES AND INDUSTRY AND THE DISSEMINATION OF KNOWLEDGE OF PHYSICS AND ITS APPLICATIONS TO HUMAN WELFARE

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

3	Number of voting members of the governing body (Part VI, line 1a)	3	38
4	Number of independent voting members of the governing body (Part VI, line 1b)	4	36
5	Total number of individuals employed in calendar year 2012 (Part V, line 2a)	5	284
6	Total number of volunteers (estimate if necessary)	6	350
7a	Total unrelated business revenue from Part VIII, column (C), line 12	7a	3,402,237
b	Net unrelated business taxable income from Form 990-T, line 34	7b	

			Prior Year	Current Year
Revenue	8	Contributions and grants (Part VIII, line 1h)	1,003,190	3,771,663
	9	Program service revenue (Part VIII, line 2g)	59,434,250	58,729,889
	10	Investment income (Part VIII, column (A), lines 3, 4, and 7d)	4,224,608	8,175,959
	11	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	8,988,638	8,626,176
	12	Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)	73,650,686	79,303,687
Expenses	13	Grants and similar amounts paid (Part IX, column (A), lines 1–3)	347,402	495,131
	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)	35,723,983	30,065,288
	16a	Professional fundraising fees (Part IX, column (A), line 11e)	0	0
	b	Total fundraising expenses (Part IX, column (D), line 25) ▶464,514		
	17	Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e)	37,092,036	37,974,607
	18	Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)	73,163,421	68,535,026
	19	Revenue less expenses Subtract line 18 from line 12	487,265	10,768,661

			Beginning of Current Year	End of Year
Net Assets or Fund Balances	20	Total assets (Part X, line 16)	168,262,314	181,781,228
	21	Total liabilities (Part X, line 26)	49,928,291	43,447,246
	22	Net assets or fund balances Subtract line 21 from line 20	118,334,023	138,333,982

Part II Signature Block

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

Sign Here

▶ Signature of officer | Date 2013-11-05

▶ CATHERINE G SWARTZ TREASURER & CFO
Type or print name and title

Paid Preparer Use Only

Print/Type preparer's name	Preparer's signature	Date	Check ☐ if self-employed	PTIN
Firm's name ▶ KPMG LLP			Firm's EIN ▶	
Firm's address ▶ 1676 International Drive McLean, VA 22102			Phone no (703) 286-8000	

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

Part III **Statement of Program Service Accomplishments**

Check if Schedule O contains a response to any question in this Part III . . . . . ☑

1 Briefly describe the organization's mission

AIP, A FEDERATION OF 10 PHYSICAL SCIENCE SOCIETIES, PROMOTES THE ADVANCEMENT OF PHYSICS IN GENERAL INCLUDING THE PROMOTION OF RESEARCH IN THE PHYSICAL SCIENCES AND INDUSTRY AND THE DISSEMINATION OF KNOWLEDGE OF PHYSICS AND ITS APPLICATIONS TO HUMAN WELFARE

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 $ 38,409,543 including grants of $ 0) (Revenue $ 56,824,931)

PUBLISHING PROGRAM AIP PUBLISHES 13 JOURNALS (SOME OF WHICH ARE THE MOST HIGHLY CITED IN THEIR RESPECTIVE FIELDS), 2 MAGAZINES, INCLUDING ITS FLAGSHIP PUBLICATIONS PHYSICS TODAY, AND THE AIP CONFERENCE PROCEEDINGS SERIES THESE PUBLICATIONS MAINLY FOCUS ON APPLICATIONS OF PHYSICS TO A BROAD ARRAY OF FIELDS AND COMMUNICATE MANY OF THE LATEST BREAKTHROUGHS IN THESE FIELDS TO A DIVERSE INTERNATIONAL AUDIENCE OF READERS

4b (Code) (Expenses $ 8,322,145 including grants of $ 495,131) (Revenue $ 1,904,958)

PHYSICS RESOURCES CENTER PROGRAMS IN KEEPING WITH ITS MISSION AND TO FULFILL THE CONSTITUTIONAL MANDATE IN PUBLIC INFORMATION, EDUCATION AND RELATED ACTIVITIES, AIP ESTABLISHED THE PHYSICS RESOURCES CENTER (PRC) PRC OFFERS UNIQUE SERVICES, PRODUCTS, AND EXPERTISE IN EDUCATION AND STUDENT SERVICES, HISTORY OF PHYSICS, MEDIA AND GOVERNMENT RELATIONS, MAGAZINE PUBLISHING AND EMPLOYMENT SERVICES FOR SCIENCE AND ENGINEERING PROFESSIONALS, STATISTICAL RESEARCH, AND INDUSTRY OUTREACH WITH THE PURPOSE TO PROMOTE THE PROGRESS AND RELEVANCE OF PHYSICS AND ALLIED FIELDS AND ADVANCE THEIR CONTRIBUTIONS AND RESPONSIVENESS TO SOCIETY, PRC GENERATES, COMMUNICATES AND POPULARIZES KNOWLEDGE, UNIQUE EXPERTISE AND AUTHORITATIVE INFORMATION FOCUSING ON THE FOLLOWING AUDIENCES AIP MEMBER SOCIETIES, THEIR INDIVIDUAL MEMBERS, STUDENTS AND THE GENERAL PUBLIC THE SOCIETY OF PHYSICS STUDENTS (SPS) IS A COMMUNITY FOR PHYSICS UNDERGRADUATES AND THEIR MENTORS, WITH MORE THAN 4500 MEMBERS AND 750 CHAPTERS NATIONWIDE, AND SEVERAL INTERNATIONAL CHAPTERS SIGMA PI SIGMA, THE PHYSICS HONOR SOCIETY, HONORS OUTSTANDING SCHOLARSHIPS IN PHYSICS, ENCOURAGES INTEREST IN THE FIELD, AND PROMOTES AN ATTITUDE OF SERVICE AMONG ITS OVER 65,000 MEMBERS TOWARDS THE ENTIRE PHYSICS COMMUNITY AND THE PUBLIC 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 AIP HISTORY PROGRAMS, THE CENTER FOR HISTORY OF PHYSICS AND THE NIELS BOHR LIBRARY & ARCHIVES, WORK TO PRESERVE AND MAKE KNOWN THE HISTORICAL RECORD OF MODERN PHYSICS AND ALLIED SCIENCES THROUGH DOCUMENTATION, ARCHIVAL COLLECTIONS AND EDUCATIONAL INITIATIVES, THE HISTORY PROGRAMS ENSURE THAT THE HERITAGE OF MODERN PHYSICS IS SAFEGUARDED AND ITS STORY ACCURATELY TOLD THE HISTORY OF PHYSICS OFFERS A RICH FRAMEWORK OF EXCITING PAST ACHIEVEMENTS AND INVALUABLE GUIDANCE FOR CURRENT AND FUTURE GENERATIONS OF PHYSICISTS INSIDE SCIENCE IS AN EDITORIALLY INDEPENDENT NONPROFIT NEWS OUTLET THAT PRODUCES QUALITY, ACCURATE STEM NEWS CONTENT AVAILABLE FOR SYNDICATION BY MAINSTREAM NEWS ORGANIZATIONS, INCLUDING THOSE WITH REDUCED OR NONEXISTENT SCIENCE DESKS IN THIS ERA OF DIMINISHED REVENUE IN FOR-PROFIT NEWS ORGANIZATIONS INSIDE SCIENCE INCLUDES FOUR AREAS INSIDE SCIENCE NEWS SERVICE PUBLISHES ACCURATE AND ENGAGING NEWS ARTICLES ON A COMPREHENSIVE RANGE OF TOPICS IN SCIENCE AND ALLIED FIELDS THAT ARE PUBLISHED AT INSIDESCIENCE ORG AND REPRINTED BY MAINSTREAM MEDIA OUTLETS INCLUDING FOXNEWS COM, NBCNEWS COM, AND THE CHRISTIAN SCIENCE MONITOR INSIDE SCIENCE TELEVISION PRODUCES 90-SECOND NEWS SEGMENTS ON VARIOUS DEVELOPMENTS IN STEM AS THEY RELATE TO GENERAL AUDIENCES THE SEGMENTS ARE PRIMARILY SYNDICATED TO LOCAL TELEVISION STATIONS ACROSS 38 MARKETS IN THE US AND INTERNATIONALLY INSIDE SCIENCE MINDS FEATURES GUEST COLUMNS WRITTEN BY MEMBERS OF THE STEM COMMUNITY VOICING INTERESTING RESEARCH AND IDEAS DIRECTLY TO READERS AND HAVE BEEN REPRINTED BY VARIOUS NEWS ORGANIZATIONS FROM FOXNEWS COM TO SCIENTIFIC AMERICAN INSIDE SCIENCE CURRENTS IS THE EDITORS' BLOG, FEATURING MUSINGS ON SCIENCE IN POP CULTURE, SPORTS, RESEARCH HEADLINES AND EVERYTHING IN BETWEEN AIP INDUSTRIAL PHYSICS FORUMS (IPF) BRING TOGETHER INDUSTRIAL AND APPLIED SCIENTISTS, WITH RESEARCH MANAGERS AND LEADERS FROM INDUSTRY, ACADEMIA, AND GOVERNMENT, WITH THE GOAL OF ADVANCING THE CONTRIBUTIONS OF PHYSICS AND PHYSICISTS TO ECONOMIC GROWTH IPFS FEATURE INVITED-SPEAKER SESSIONS THAT COMPLEMENT AIP MEMBER SOCIETY MEETINGS EXPERTS DISCUSS NEW APPLICATIONS OF PHYSICS, PRODUCT DEVELOPMENTS, AND OTHER OPPORTUNITIES FOR SCIENCE IN TODAY'S ECONOMIC ENVIRONMENT THE IPF OFFERS PARTICIPANTS OPPORTUNITIES TO LEARN ABOUT INNOVATIONS IN THE FIELD, TO INTERFACE WITH THE PEOPLE DRIVING THEM, AND TO STRATEGIZE ABOUT DIRECTIONS FOR FUTURE ECONOMIC AND SCIENTIFIC PROGRESS

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** ▶ 46,731,688

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*	1	Yes	
2	Is the organization required to complete *Schedule B, Schedule of Contributors* (see instructions)?	2	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*	3		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*	4	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 Revenue Procedure 98-19? *If "Yes," complete Schedule C, Part III*	5		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*	6		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*	7		No
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? *If "Yes," complete Schedule D, Part III*	8		No
9	Did the organization report an amount in Part X, line 21 for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X, or provide credit counseling, debt management, credit repair, or debt negotiation services? *If "Yes," complete Schedule D, Part IV*	9		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*	10	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.*	11a	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*	11b		No
c	Did the organization report an amount for investments—program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? *If "Yes," complete Schedule D, Part VIII*	11c		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*	11d	Yes	
e	Did the organization report an amount for other liabilities in Part X, line 25? *If "Yes," complete Schedule D, Part X*	11e	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*	11f	Yes	
12a	Did the organization obtain separate, independent audited financial statements for the tax year? *If "Yes," complete Schedule D, Parts XI and XII*	12a		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*	12b	Yes	
13	Is the organization a school described in section 170(b)(1)(A)(ii)? *If "Yes," complete Schedule E*	13		No
14a	Did the organization maintain an office, employees, or agents outside of the United States?	14a	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*	14b	Yes	
15	Did the organization report on Part IX, column (A), line 3, more than $5,000 of grants or assistance to any organization or entity located outside the United States? *If "Yes," complete Schedule F, Parts II and IV*	15		No
16	Did the organization report on Part IX, column (A), line 3, more than $5,000 of aggregate grants or assistance to individuals located outside the United States? *If "Yes," complete Schedule F, Parts III and IV*	16	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)*	17		No
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*	18		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*	19		No
20a	Did the organization operate one or more hospital facilities? *If "Yes," complete Schedule H*	20a		No
b	If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?	20b		

Part IV Checklist of Required Schedules *(continued)*

21	Did the organization report more than $5,000 of grants and other assistance to any government or organization in the United States on Part IX, column (A), line 1? *If "Yes," complete Schedule I, Parts I and II*	**21**	Yes	
22	Did the organization report more than $5,000 of grants and other assistance to individuals in the United States on Part IX, column (A), line 2? *If "Yes," complete Schedule I, Parts I and III*	**22**	Yes	
23	Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? *If "Yes," complete Schedule J*	**23**	Yes	
24a	Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than $100,000 as of the last day of the year, that was issued after December 31, 2002? *If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25*	**24a**		No
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	**24b**		
c	Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?	**24c**		
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	**24d**		
25a	**Section 501(c)(3) and 501(c)(4) organizations.** Did the organization engage in an excess benefit transaction with a disqualified person during the year? *If "Yes," complete Schedule L, Part I*	**25a**	Yes	
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? *If "Yes," complete Schedule L, Part I*	**25b**		No
26	Was a loan to or by a current or former officer, director, trustee, key employee, highest compensated employee, or disqualified person outstanding as of the end of the organization's tax year? *If "Yes," complete Schedule L, Part II*	**26**	Yes	
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? *If "Yes," complete Schedule L, Part III*	**27**		No
28	Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions)			
a	A current or former officer, director, trustee, or key employee? *If "Yes," complete Schedule L, Part IV*	**28a**		No
b	A family member of a current or former officer, director, trustee, or key employee? *If "Yes," complete Schedule L, Part IV*	**28b**		No
c	An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? *If "Yes," complete Schedule L, Part IV*	**28c**		No
29	Did the organization receive more than $25,000 in non-cash contributions? *If "Yes," complete Schedule M*	**29**		No
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? *If "Yes," complete Schedule M*	**30**		No
31	Did the organization liquidate, terminate, or dissolve and cease operations? *If "Yes," complete Schedule N, Part I*	**31**		No
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? *If "Yes," complete Schedule N, Part II*	**32**		No
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301 7701-2 and 301 7701-3? *If "Yes," complete Schedule R, Part I*	**33**		No
34	Was the organization related to any tax-exempt or taxable entity? *If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1*	**34**	Yes	
35a	Did the organization have a controlled entity within the meaning of section 512(b)(13)?	**35a**	Yes	
b	If 'Yes' to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? *If "Yes," complete Schedule R, Part V, line 2*	**35b**	Yes	
36	**Section 501(c)(3) organizations.** Did the organization make any transfers to an exempt non-charitable related organization? *If "Yes," complete Schedule R, Part V, line 2*	**36**		No
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? *If "Yes," complete Schedule R, Part VI*	**37**		No
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? **Note.** All Form 990 filers are required to complete Schedule O	**38**	Yes	

Part V Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response to any question in this Part V . . . . . .

				Yes	No
1a	Enter the number reported in Box 3 of Form 1096 Enter -0- if not applicable	1a 191			
b	Enter the number of Forms W-2G included in line 1a *Enter -0-* if not applicable	1b 0			
c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?		1c	Yes	
2a	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return	2a 284			
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? *If "No," provide an explanation in Schedule O*		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)?		4a	Yes	
b	If "Yes," enter the name of the foreign country ▶CH See instructions for filing requirements for Form TD F 90-22 1, Report of Foreign Bank and Financial Accounts				
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	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 and section 509(a)(3) supporting organizations.** Did the supporting organization, or a donor advised fund maintained by a sponsoring organization, have excess business holdings at any time during the year?		8		
9	**Sponsoring organizations maintaining donor advised funds.**				
a	Did the organization make any taxable distributions under section 4966?		9a		
b	Did the 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	10a			
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities	10b			
11	**Section 501(c)(12) organizations.** Enter				
a	Gross income from members or shareholders	11a			
b	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them)	11b			
12a	**Section 4947(a)(1) non-exempt charitable trusts.** Is the organization filing Form 990 in lieu of Form 1041?		12a		
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year	12b			
13	**Section 501(c)(29) qualified nonprofit health insurance issuers.**				
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	13b			
c	Enter the amount of reserves on hand	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? *If "No," provide an explanation in Schedule O*		14b		

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 to any question in this Part VI . . . . . ☑

Section A. Governing Body and Management

				Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year	1a	38		
	If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O				
b	Enter the number of voting members included in line 1a, above, who are independent	1b	36		
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?	2			No
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors or trustees, or key employees to a management company or other person?	3			No
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4			No
5	Did the organization become aware during the year of a significant diversion of the organization's assets?	5			No
6	Did the organization have members or stockholders?	6		Yes	
7a	Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?	7a		Yes	
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	7b			No
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following				
a	The governing body?	8a		Yes	
b	Each committee with authority to act on behalf of the governing body?	8b		Yes	
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? *If "Yes," provide the names and addresses in Schedule O*	9			No

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

			Yes	No
10a	Did the organization have local chapters, branches, or affiliates?	10a		No
b	If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?	10b		
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	11a	Yes	
b	Describe in Schedule O the process, if any, used by the organization to review this Form 990			
12a	Did the organization have a written conflict of interest policy? *If "No," go to line 13*	12a	Yes	
b	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12b	Yes	
c	Did the organization regularly and consistently monitor and enforce compliance with the policy? *If "Yes," describe in Schedule O how this was done*	12c	Yes	
13	Did the organization have a written whistleblower policy?	13	Yes	
14	Did the organization have a written document retention and destruction policy?	14	Yes	
15	Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?			
a	The organization's CEO, Executive Director, or top management official	15a	Yes	
b	Other officers or key employees of the organization	15b	Yes	
	If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions)			
16a	Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?	16a		No
b	If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?	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 (or 1024 if applicable), 990, and 990-T (501(c)(3)s only) available for public inspection Indicate how you made these available Check all that apply

☐ Own website ☐ Another's website ☑ Upon request ☐ Other (explain in Schedule O)

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, physical address, and telephone number of the person who possesses the books and records of the organization
▶ CATHERINE G SWARTZ - ONE PHYSICS ELLIPSE COLLEGE PARK, MD (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 to any question in this Part VII . . . . . ☑

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

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

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

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

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

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
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)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
1b	**Sub-Total** . . . . . ▶									
c	**Total from continuation sheets to Part VII, Section A** . . . . ▶									
d	**Total (add lines 1b and 1c)** . . . . . ▶							3,234,802	0	488,317

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 ▶67

			Yes	No
3	Did the organization list any **former** officer, director or trustee, key employee, or highest compensated employee on line 1a? *If "Yes," complete Schedule J for such individual*	**3**		No
4	For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than $150,000? *If "Yes," complete Schedule J for such individual*	**4**	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? *If "Yes," complete Schedule J for such person*	**5**		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
WE'RE ASSOCIATES INC , 3003 New Hyde Park Rd NEW HYDE PARK NY 11042	PROPERTY MANAGEMENT	2,933,348
STEPTOE JOHNSON LLP , 1114 6th Avenue NEW YORK NY 10036	LEGAL	489,504
KPMG LLP , 1801 K Street NW Suite 12000 WASHINGTON DC 20036	AUDIT AND TAX	148,737
JACKSON LEWIS LLP , 666 Third Avenue 29th Floor NEW YORK NY 10017	LEGAL	141,205
BRYAN CAVE LLP , 1290 Ave of the Americas Suite 33 NEW YORK NY 10104	LEGAL	129,240

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 ▶8

Part VIII Statement of Revenue

Check if Schedule O contains a response to any question 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, 513, or 514
Contributions, Gifts, Grants and Other Similar Amounts	1a	Federated campaigns	1a				
	b	Membership dues	1b				
	c	Fundraising events	1c				
	d	Related organizations	1d				
	e	Government grants (contributions)	1e	330,559			
	f	All other contributions, gifts, grants, and similar amounts not included above	1f	3,441,104			
	g	Noncash contributions included in lines 1a-1f $					
	h	**Total.** Add lines 1a-1f ▶			3,771,663		
Program Service Revenue			Business Code				
	2a	PUBLISHING CENTER	511120		56,824,931	53,422,694	3,402,237
	b	PHYSICS RESOURCES CENTER	900099		1,904,958	1,904,958	
	c						
	d						
	e						
	f	All other program service revenue					
	g	**Total.** Add lines 2a–2f ▶			58,729,889		
Other Revenue	3	Investment income (including dividends, interest, and other similar amounts) ▶			4,754,933		4,754,933
	4	Income from investment of tax-exempt bond proceeds ▶			0		
	5	Royalties ▶			0		
			(i) Real	(ii) Personal			
	6a	Gross rents					
	b	Less rental expenses					
	c	Rental income or (loss)	0	0			
	d	Net rental income or (loss) ▶			0		
			(i) Securities	(ii) Other			
	7a	Gross amount from sales of assets other than inventory	25,040,285				
	b	Less cost or other basis and sales expenses	21,619,259				
	c	Gain or (loss)	3,421,026				
	d	Net gain or (loss) ▶			3,421,026		3,421,026
	8a	Gross income from fundraising events (not including $ _____ of contributions reported on line 1c) See Part IV, line 18	a				
	b	Less direct expenses	b				
	c	Net income or (loss) from fundraising events ▶			0		
	9a	Gross income from gaming activities See Part IV, line 19	a				
	b	Less direct expenses	b				
	c	Net income or (loss) from gaming activities ▶			0		
	10a	Gross sales of inventory, less returns and allowances	a				
	b	Less cost of goods sold	b				
	c	Net income or (loss) from sales of inventory ▶			0		
		Miscellaneous Revenue	Business Code				
	11a	PASS THRU COSTS/ MBR SOCIETIES	900099		7,501,469	7,501,469	
	b	EQUITY GAIN ON INVESTMENT ACP	900099		1,124,707		1,124,707
	c						
	d	All other revenue					
	e	**Total.** Add lines 11a–11d ▶			8,626,176		
	12	**Total revenue.** See Instructions ▶			79,303,687	62,829,121	3,402,237	9,300,666

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 to any question 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 governments and organizations in the United States See Part IV, line 21	121,876	121,876		
2 Grants and other assistance to individuals in the United States See Part IV, line 22	347,055	347,055		
3 Grants and other assistance to governments, organizations, and individuals outside the United States See Part IV, lines 15 and 16	26,200	26,200		
4 Benefits paid to or for members	0			
5 Compensation of current officers, directors, trustees, and key employees	3,053,092	1,685,077	1,368,015	
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	19,589,811	14,520,010	4,861,995	207,806
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	2,115,280	1,501,849	592,278	21,153
9 Other employee benefits	3,447,536	1,317,491	2,061,846	68,199
10 Payroll taxes	1,859,569	1,320,294	520,679	18,596
11 Fees for services (non-employees)				
a Management	0			
b Legal	904,245		904,245	
c Accounting	212,498	2,981	209,517	
d Lobbying	109,147	109,147		
e Professional fundraising services See Part IV, line 17	0			
f Investment management fees	75,123		75,123	
g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O)	262,515	248,861	13,654	
12 Advertising and promotion	1,546,881	1,536,563	450	9,868
13 Office expenses	692,955	330,342	332,637	29,976
14 Information technology	1,725,997	542,937	1,183,060	
15 Royalties . .	0			
16 Occupancy	7,010,907	31,698	6,979,209	
17 Travel	1,248,110	987,382	244,272	16,456
18 Payments of travel or entertainment expenses for any federal, state, or local public officials	0			
19 Conferences, conventions, and meetings	1,143,768	829,602	297,831	16,335
20 Interest	9,369		9,369	
21 Payments to affiliates	0			
22 Depreciation, depletion, and amortization	1,219,708	834,617	385,091	
23 Insurance	206,379		206,379	
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 MEMBER SOCIETY PASS THRU	7,501,469	7,501,469		
b EDIT MANAGEMENT	4,257,321	4,257,321		
c PUBLISHING PRINTING	3,642,167	3,596,454	8,136	37,577
d PUBLISHING PRODUCTION	907,304	905,407	1,897	
e All other expenses	5,298,744	4,177,055	1,083,141	38,548
25 **Total functional expenses.** Add lines 1 through 24e	68,535,026	46,731,688	21,338,824	464,514
26 **Joint costs.** Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation Check here ▶ ☐ if following SOP 98-2 (ASC 958-720)				

Part X **Balance Sheet**

Check if Schedule O contains a response to any question in this Part X . . . . . ☐

				(A) Beginning of year		(B) End of year
Assets	1	Cash—non-interest-bearing		6,152,890	1	2,765,097
	2	Savings and temporary cash investments		17,644,719	2	21,478,941
	3	Pledges and grants receivable, net		99,688	3	205,845
	4	Accounts receivable, net		11,671,369	4	3,972,967
	5	Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees Complete Part II of Schedule L		911	5	1,692
	6	Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions) Complete Part II of Schedule L		0	6	0
	7	Notes and loans receivable, net		0	7	0
	8	Inventories for sale or use		0	8	0
	9	Prepaid expenses and deferred charges		910,440	9	803,541
	10a	Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D	10a 21,537,735			
	b	Less accumulated depreciation	10b 19,518,219	1,242,454	10c	2,019,516
	11	Investments—publicly traded securities		122,504,330	11	141,373,409
	12	Investments—other securities See Part IV, line 11		50,000	12	50,000
	13	Investments—program-related See Part IV, line 11		0	13	0
	14	Intangible assets		0	14	0
	15	Other assets See Part IV, line 11		7,985,513	15	9,110,220
	16	**Total assets.** Add lines 1 through 15 (must equal line 34)		168,262,314	16	181,781,228
Liabilities	17	Accounts payable and accrued expenses		10,372,088	17	7,442,125
	18	Grants payable		0	18	0
	19	Deferred revenue		19,973,071	19	20,448,972
	20	Tax-exempt bond liabilities		0	20	0
	21	Escrow or custodial account liability Complete Part IV of Schedule D		0	21	0
	22	Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons Complete Part II of Schedule L		0	22	0
	23	Secured mortgages and notes payable to unrelated third parties		0	23	0
	24	Unsecured notes and loans payable to unrelated third parties		0	24	0
	25	Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24) Complete Part X of Schedule D		19,583,132	25	15,556,149
	26	**Total liabilities.** Add lines 17 through 25		49,928,291	26	43,447,246
Net Assets or Fund Balances		**Organizations that follow SFAS 117 (ASC 958), check here ▶ ☑ and complete lines 27 through 29, and lines 33 and 34.**				
	27	Unrestricted net assets		107,547,763	27	123,210,851
	28	Temporarily restricted net assets		3,296,146	28	4,514,430
	29	Permanently restricted net assets		7,490,114	29	10,608,701
		Organizations that do not follow SFAS 117 (ASC 958), check here ▶ ☐ and complete lines 30 through 34.				
	30	Capital stock or trust principal, or current funds			30	
	31	Paid-in or capital surplus, or land, building or equipment fund			31	
	32	Retained earnings, endowment, accumulated income, or other funds			32	
	33	Total net assets or fund balances		118,334,023	33	138,333,982
	34	Total liabilities and net assets/fund balances		168,262,314	34	181,781,228

Part XI Reconcilliation of Net Assets

Check if Schedule O contains a response to any question in this Part XI . . . . . ☑

1	Total revenue (must equal Part VIII, column (A), line 12)	1	79,303,687
2	Total expenses (must equal Part IX, column (A), line 25)	2	68,535,026
3	Revenue less expenses Subtract line 2 from line 1	3	10,768,661
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	118,334,023
5	Net unrealized gains (losses) on investments	5	9,601,180
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain in Schedule O)	9	-369,882
10	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	138,333,982

Part XII Financial Statements and Reporting

Check if Schedule O contains a response to any question in this Part XII . . . . . ☐

			Yes	No
1	Accounting method used to prepare the Form 990 ☐ Cash ☑ Accrual ☐ Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O			
2a	Were the organization's financial statements compiled or reviewed by an independent accountant?	2a		No
	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?	2b	Yes	
	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?	2c	Yes	
	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?	3a		No
b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits	3b		

Additional Data

Software ID:
Software Version:
EIN: 13-1667053
Name: AMERICAN INSTITUTE OF PHYSICS INC

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): Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former	(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
LOUIS J LANZEROTTI GOVERNING BOARD CHAIR	6 0	X		X				30,000	0	0
BARRY BARISH DIRECTOR	1 0	X						0	0	0
MALCOLM BEASLEY DIRECTOR	1 0	X						0	0	0
G FRITZ BENEDICT DIRECTOR	1 0	X						0	0	0
J DANIEL BOURLAND DIRECTOR	1 0	X						0	0	0
ROBERT BYER DIRECTOR	1 0	X						0	0	0
TIMOTHY A COHN DIRECTOR	1 0	X						0	0	0
BRUCE H CURRAN DIRECTOR	1 0	X						0	0	0
BETH CUNNINGHAM DIRECTOR	1 0 5 0	X						0	0	0
ROBERT DOERING DIRECTOR	1 0	X						0	0	0
MICHAEL D DUNCAN DIRECTOR	1 0	X						0	0	0
DAVID ERNST DIRECTOR	1 0	X						0	0	0
JANET FENDER DIRECTOR	1 0	X						0	0	0
JUDITH FLIPPEN-ANDERSON DIRECTOR	1 0	X						0	0	0
BRIAN J FRASER DIRECTOR	1 0	X						0	0	0
JAIME FUCUGAUCHI DIRECTOR	1 0	X						0	0	0
A JEFFREY GIACOMIN DIRECTOR	1 0	X						0	0	0
MARK HAMILTON DIRECTOR	1 0	X						0	0	0
PAUL L KELLEY DIRECTOR	1 0	X						0	0	0
ANGELA R KEYSER DIRECTOR	1 0	X						0	0	0
JAMES T KIRBY JR DIRECTOR	1 0	X						0	0	0
KATE KIRBY DIRECTOR	1 0 3 0	X						0	0	0
RUDOLF LUDEKE DIRECTOR	1 0	X						0	0	0
JILL MARSHALL DIRECTOR	1 0	X						0	0	0
KEVIN B MARVEL DIRECTOR	1 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			
CHRISTINE MCENTEE DIRECTOR	1 0	X						0	0	0
ELIZABETH A ROGAN DIRECTOR	1 0	X						0	0	0
CHARLES E SCHMID DIRECTOR	1 0	X						0	0	0
JOSEPH SERENE DIRECTOR	1 0 5 0	X						0	0	0
NEAL SHINN DIRECTOR	1 0	X						0	0	0
DAVID SOKOLOFF DIRECTOR	1 0	X						0	0	0
SCOTT SOMMERFELDT DIRECTOR	1 0	X						0	0	0
GENE SPROUSE DIRECTOR	1 0	X						0	0	0
GAY STEWART DIRECTOR	1 0	X						0	0	0
HERVEY PETER STOCKMAN DIRECTOR	1 0	X						0	0	0
MICHAEL TURNER DIRECTOR	1 0	X						0	0	0
BENJAMIN B SNAVELY CORPORATE SECRETARY	13 0	X		X				55,480	0	0
H FREDERICK DYLLA EXECUTIVE DIRECTOR & CEO	40 0 3 0	X		X				491,322	0	49,420
Angus Rocket DIRECTOR	1 0	X						0	0	0
Timothy Grove DIRECTOR	1 0	X						0	0	0
RICHARD BACCANTE TREASURER & CFO	40 0 5 0			X				265,599	0	43,866
THERESA C BRAUN VP HUMAN RESOURCES	40 0			X				214,603	0	31,175
JOHN HAYNES VP, PUBLISHING	40 0			X				396,929	0	35,432
CATHERINE O'RIORDAN VP, PHYSICS RESOURCES	40 0			X				205,735	0	23,324
EVAN OWENS CHIEF INFORMATION OFFICER	40 0				X			198,033	0	47,642
RANDOLPH NANNA PUBLISHER	40 0				X			187,678	0	28,853
LISA MCLAUGHLIN Dir, Publishing Operations	40 0				X			161,352	0	26,191
ADRIANA ACOSTAURIA CHIEF MARKETING & SALES OFFICE	40 0				X			195,532	0	15,829
ROBERT HARINGTON PUBLISHER	40 0					X		185,774	0	19,718
CATHERINE SWARTZ CONTROLLER & ASST TREASURER	40 0					X		175,138	0	45,092

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			
WENDY MARRIOTT DIRECTOR, BUSINESS SYS & opS	40 0					X		165,874	0	44,137
LORI CARLIN-SIEGEL DIR,CIRCULATION & FULFILLLMENT	40 0					X		154,043	0	34,813
MARK CASSAR PUBLISHER	40 0					X		151,710	0	42,825

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SCHEDULE A (Form 990 or 990EZ)

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. ▶ See separate instructions.

OMB No 1545-0047

2012

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 11, check only one box)

1 ☐ A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i).**

2 ☐ A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E)

3 ☐ A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**

4 ☐ A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** 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 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)

10 ☐ An organization organized and operated exclusively to test for public safety See **section 509(a)(4).**

11 ☐ An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2) See **section 509(a)(3).** Check the box that describes the type of supporting organization and complete lines 11e through 11h

a ☐ Type I **b** ☐ Type II **c** ☐ Type III - Functionally integrated **d** ☐ Type III - Non-functionally integrated

e ☐ By checking this box, I certify that the organization is not controlled directly or indirectly by one or more disqualified persons other than foundation managers and other than one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2)

f If the organization received a written determination from the IRS that it is a Type I, Type II, or Type III supporting organization, check this box ☐

g Since August 17, 2006, has the organization accepted any gift or contribution from any of the following persons?

		Yes	No
(i) A person who directly or indirectly controls, either alone or together with persons described in (ii) and (iii) below, the governing body of the supported organization?	**11g(i)**		
(ii) A family member of a person described in (i) above?	**11g(ii)**		
(iii) A 35% controlled entity of a person described in (i) or (ii) above?	**11g(iii)**		

h Provide the following information about the supported organization(s)

(i) Name of supported organization	**(ii)** EIN	**(iii)** Type of organization (described on lines 1- 9 above or IRC section **(see instructions))**	**(iv)** Is the organization in col **(i)** listed in your governing document?		**(v)** Did you notify the organization in col **(i)** of your support?		**(vi)** Is the organization in col **(i)** organized in the U S ?		**(vii)** Amount of monetary support
			Yes	**No**	**Yes**	**No**	**Yes**	**No**	
Total									

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

Cat No 11285F

Schedule A (Form 990 or 990-EZ) 2012

Part II **Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)**
(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2008	(b) 2009	(c) 2010	(d) 2011	(e) 2012	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants ")						
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 **Total.** Add lines 1 through 3						
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						
6 **Public support.** Subtract line 5 from line 4						

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2008	(b) 2009	(c) 2010	(d) 2011	(e) 2012	(f) Total
7 Amounts from line 4						
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income Do not include gain or loss from the sale of capital assets (Explain in Part IV)						
11 **Total support** (Add lines 7 through 10)						

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

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

Section C. Computation of Public Support Percentage

14 Public support percentage for 2012 (line 6, column (f) divided by line 11, column (f)) **14**

15 Public support percentage for 2011 Schedule A, Part II, line 14 **15**

16a **33 1/3% support test—2012.** If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶☐

b **33 1/3% support test—2011.** If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶☐

17a **10%-facts-and-circumstances test—2012.** If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and **stop here.** Explain in Part IV how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization ▶☐

b **10%-facts-and-circumstances test—2011.** If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and **stop here.** Explain in Part IV how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization ▶☐

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

Part III **Support Schedule for Organizations Described in Section 509(a)(2)**
(Complete only if you checked the box on line 9 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2008	(b) 2009	(c) 2010	(d) 2011	(e) 2012	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants ")	3,468,689	648,313	757,520	1,003,190	3,771,663	9,649,375
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	62,041,172	62,683,321	60,815,235	59,434,250	58,729,889	303,703,867
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	65,509,861	63,331,634	61,572,755	60,437,440	62,501,552	313,353,242
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						0
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						0
8 **Public support** (Subtract line 7c from line 6)						313,353,242

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2008	(b) 2009	(c) 2010	(d) 2011	(e) 2012	(f) Total
9 Amounts from line 6	65,509,861	63,331,634	61,572,755	60,437,440	62,501,552	313,353,242
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	5,188,383	3,030,948	4,109,586	4,177,709	4,754,933	21,261,559
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						0
c Add lines 10a and 10b	5,188,383	3,030,948	4,109,586	4,177,709	4,754,933	21,261,559
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						0
12 Other income Do not include gain or loss from the sale of capital assets (Explain in Part IV)	9,806,180	7,706,138	8,752,563	8,988,638	8,626,176	43,879,695
13 **Total support.** (Add lines 9, 10c, 11, and 12)	80,504,424	74,068,720	74,434,904	73,603,787	75,882,661	378,494,496

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

Section C. Computation of Public Support Percentage

15	Public support percentage for 2012 (line 8, column (f) divided by line 13, column (f))	15	82 789 %
16	Public support percentage from 2011 Schedule A, Part III, line 15	16	87 790 %

Section D. Computation of Investment Income Percentage

17	Investment income percentage for **2012** (line 10c, column (f) divided by line 13, column (f))	17	5 617 %
18	Investment income percentage from **2011** Schedule A, Part III, line 17	18	6 386 %

19a **33 1/3% support tests—2012.** 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—2011.** 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 **Supplemental Information.** Complete this part to provide the explanations required by Part II, line 10; Part II, line 17a or 17b; and Part III, line 12. Also complete this part for any additional information. (See instructions).

Facts And Circumstances Test

Explanation

efile GRAPHIC print - DO NOT PROCESS | As Filed Data - | DLN: 93493311000023

SCHEDULE C
(Form 990 or 990-EZ)

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.
▶ See separate instructions.

OMB No 1545-0047

2012

Open to Public Inspection

If the organization answered "Yes" to 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" to 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" to Form 990, Part IV, Line 5 (Proxy Tax) or Form 990-EZ, Part V, line 35c (Proxy Tax), then
- Section 501(c)(4), (5), or (6) organizations Complete Part III

Name of the organization	Employer identification number
AMERICAN INSTITUTE OF PHYSICS INC	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

2 Political expenditures ▶ $

3 Volunteer hours

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-

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

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

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 instructions for lines 2a through 2f on page 4.)

Lobbying Expenditures During 4-Year Averaging Period

Calendar year (or fiscal year beginning in)	**(a)** 2009	**(b)** 2010	**(c)** 2011	**(d)** 2012	**(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 to lines 1a through 1i below, provide in Part IV a detailed description of the lobbying activity.		(a) Yes	(a) No	(b) 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?	Yes		
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		183,821
h	Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?	Yes		
i	Other activities?		No	
j	Total Add lines 1c through 1i			183,821
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**

Complete this part to 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, line 2, and Part II-B, line 1 Also, complete this part for any additional information

Identifier	Return Reference	Explanation

SCHEDULE D
(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

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

OMB No 1545-0047

2012

Open to Public Inspection

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" to Form 990, Part IV, line 6.

		(a) Donor advised funds	(b) Funds and other accounts
1	Total number at end of year		
2	Aggregate contributions to (during year)		
3	Aggregate grants from (during year)		
4	Aggregate value at end of year		

5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control? ☐ Yes ☐ No

6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit? ☐ Yes ☐ No

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

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

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

			Held at the End of the Year
a	Total number of conservation easements	2a	
b	Total acreage restricted by conservation easements	2b	
c	Number of conservation easements on a certified historic structure included in (a)	2c	
d	Number of conservation easements included in (c) acquired after 8/17/06, and not on a historic structure listed in the National Register	2d	

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

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

5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds? ☐ Yes ☐ No

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

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

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

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

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

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

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

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

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

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

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

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

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

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

a ☐ Public exhibition

b ☐ Scholarly research

c ☐ Preservation for future generations

d ☐ Loan or exchange programs

e ☐ Other

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

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

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

1a Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X? ☐ Yes ☐ No

b If "Yes," explain the arrangement in Part XIII and complete the following table

		Amount
c Beginning balance	1c	
d Additions during the year	1d	
e Distributions during the year	1e	
f Ending balance	1f	

2a Did the organization include an amount on Form 990, Part X, line 21? ☐ Yes ☐ No

b If "Yes," explain the arrangement in Part XIII Check here if the explanation has been provided in Part XIII . . . . . ☐

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

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance	18,659,786	19,432,716	17,514,715	14,026,715	15,206,884
b Contributions	3,118,587	24,619	63,224	99,289	3,148,568
c Net investment earnings, gains, and losses	2,532,635	-536,268	2,141,240	3,689,029	-4,103,981
d Grants or scholarships					
e Other expenditures for facilities and programs	263,439	261,281	286,463	300,318	224,756
f Administrative expenses					
g End of year balance	24,047,569	18,659,786	19,432,716	17,514,715	14,026,715

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

a Board designated or quasi-endowment ▶ 43 000 %

b Permanent endowment ▶ 44 000 %

c Temporarily restricted endowment ▶ 13 000 %

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

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

		Yes	No
(i) unrelated organizations	3a(i)		No
(ii) related organizations	3a(ii)		No
b If "Yes" to 3a(ii), are the related organizations listed as required on Schedule R?	3b		

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

Part VI Land, Buildings, and Equipment. 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		2,359,902	2,149,633	210,269
d Equipment		15,320,202	14,323,498	996,704
e Other		3,857,631	3,045,088	812,543
Total. Add lines 1a through 1e *(Column (d) must equal Form 990, Part X, column (B), line 10(c).)* ▶				2,019,516

Part VII Investments—Other Securities. 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		
Other		
Total. *(Column (b) must equal Form 990, Part X, col (B) line 12)* ▶		

Part VIII Investments—Program Related. See Form 990, Part X, line 13.

(a) Description of investment type	(b) Book value	(c) Method of valuation Cost or end-of-year market value
Total. *(Column (b) must equal Form 990, Part X, col (B) line 13)* ▶		

Part IX Other Assets. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1) INVESTMENT IN ACP	9,110,220
Total. *(Column (b) must equal Form 990, Part X, col.(B) line 15.)* . . . . . ▶	9,110,220

Part X Other Liabilities. See Form 990, Part X, line 25.

1 (a) Description of liability	(b) Book value
Federal income taxes	0
ACCRUED POSTRETIREMENT MEDICAL PLAN	13,148,655
DUE TO MEMBER SOCIETIES	2,407,494
Total. *(Column (b) must equal Form 990, Part X, col (B) line 25)* ▶	15,556,149

2. Fin 48 (ASC 740) Footnote 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

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 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

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

Complete this part to 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

Identifier	Return Reference	Explanation
SUPPLEMENTAL INFORMATION		PART V - THE ENDOWMENT FUNDS ARE FOR THE HISTORY CENTER, SOCIETY OF PHYSICS STUDENTS AND SPECIAL PROGRAMS WITHIN THE PHYSICS RESOURCES CENTER AT AIP PART X - 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 AIP does not believe there are any unrecognized tax benefits or liabilities that should be 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. ▶ See separate instructions.

OMB No 1545-0047

2012

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" to Form 990, Part IV, line 14b.

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

2 **For grantmakers.** Describe in Part V the organization's procedures for monitoring the use of grant funds outside the United States.

3 Activites 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 region	(d) Activities conducted in region (by type) (e g , 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 region	(f) Total expenditures for and investments in region
East Asia and the Pacific	1	1	Program Services	LIAISON OFFICE	266,141
Europe (Including Iceland and Greenland)			Grantmaking	N/A	26,200
3a Sub-total	1	1			292,341
b Total from continuation sheets to Part I					
c **Totals** (add lines 3a and 3b)	1	1			292,341

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

1 (a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)

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" to Form 990, Part IV, line 16. Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
PHYSICS ACHIEVEMENTS	Europe (Including Iceland and Greenland)	3	26,200	CHECK			

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 organizationmay be required to file Form 3520, Annual Return to Report Transactions with Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U.S. Owner (see Instructions for Forms 3520 and 3520-A)* ☐ Yes ☑ No

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

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

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

6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to file Form 5713, International Boycott Report (see Instructions for Form 5713).* ☐ Yes ☑ No

Part V **Supplemental Information**

Complete this part to 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).

Identifier	ReturnReference	Explanation
SUPPLEMENTAL INFORMATION		AIP HAS ESTABLISHED AND FOLLOWS DOCUMENTED POLICIES AND PROCEDURES TO MONITOR, EVALUATE AND REVIEW ALL TYPES OF GRANTS, AWARDS AND ASSISTANCE ON A REGULAR BASIS
SCHEDULE F, PART I, COLUMN F		THE ACCOUNTING METHOD USED FOR THE EXPENDITURES SHOWN IS THE ACCRUAL BASIS

Schedule I (Form 990)

Department of the Treasury
Internal Revenue Service

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

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

OMB No 1545-0047

2012

Open to Public Inspection

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, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? . . . . . ☑ Yes ☐ No

2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States

Part II Grants and Other Assistance to Governments and Organizations in the United States.

Complete if the organization answered "Yes" to Form 990, Part IV, line 21, for any recipient that received more than $5,000. Part II can be duplicated if additional space is needed.

(a) Name and address of organization or government	(b) EIN	(c) IRC Code 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
(1) GEORGE WASHINGTON UNIVERSITY PO BOX 85 WASHINGTON,DC 20055	53-0196584	501(C)(3)	30,114		N/A	N/A	INTERN HOUSING
(2) FERMILAB PO BOX 500 BATAVIA,IL 60510	57-1239010	501(C)(3)	10,000		N/A	N/A	PRESERVE DOCUMENTS
(3) LOWELL OBSERVATORY 1400 WEST MARS HILL RD FLAGSTAFF,AZ 86001	86-0098918	501(C)(3)	9,600		N/A	N/A	PRESERVE DOCUMENTS
(4) The Huntington Library 1151 Oxford Road San Marino,CA 91108	95-1644589	501(C)(3)	9,450		n/a	n/a	Preserve Documents

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table . . . . . ▶ 4

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

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

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of non-cash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of non-cash assistance
(1) TRAVEL AND MEETING EXPENSES	44	35,871		N/A	N/A
(2) SCHOLARSHIPS AND AWARDS FOR SPS MEMBERS	57	70,669	1,226	N/A	N/A
(3) AWARDS FOR ACHIEVEMENTS IN PHYSICS	5	34,480	236	fmv	plaque
(4) ORAL HISTORY INTERVIEWS AND RESEARCH PROJECTS	6	6,179		N/A	N/A
(5) SCIENCE WRITING AWARDS	5	12,413	2,351	FMV	SEE PART IV
(6) CONGRESSIONAL & US STATE DEPT FELLOWSHIPS	4	183,631		N/A	N/A

Part IV **Supplemental Information.**

Complete this part to provide the information required in Part I, line 2, Part III, column (b), and any other additional information

Identifier	Return Reference	Explanation
SUPPLEMENTAL INFORMATION		AIP HAS ESTABLISHED AND FOLLOWS DOCUMENTED POLICIES AND PROCEDURES TO MONITOR, EVALUATE AND REVIEW ALL TYPES OF GRANTS, AWARDS AND ASSISTANCE ON A REGULAR BASIS
Schedule I, Part III, Line 5	Description of Non-Cash Assistance	The non-cash assistance for the Science Writing Awards were an engraved chair and airline ticket

Schedule J
(Form 990)

Department of the Treasury
Internal Revenue Service

Compensation Information

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

OMB No 1545-0047

2012

Open to Public Inspection

Name of the organization
AMERICAN INSTITUTE OF PHYSICS INC

Employer identification number
13-1667053

Part I Questions Regarding Compensation

			Yes	No
1a	Check the appropiate box(es) if the organization provided any of the following to or for a person listed in Form 990, Part VII, Section A, line 1a Complete Part III to provide any relevant information regarding these items ☑ First-class or charter travel ☐ Housing allowance or residence for personal use ☑ Travel for companions ☐ Payments for business use of personal residence ☐ Tax idemnification and gross-up payments ☐ Health or social club dues or initiation fees ☐ Discretionary spending account ☐ Personal services (e g , maid, chauffeur, chef)			
b	If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain	**1b**	Yes	
2	Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all officers, directors, trustees, and the CEO/Executive Director, regarding the items checked in line 1a?	**2**	Yes	
3	Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director Check all that apply Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III ☑ Compensation committee ☐ Written employment contract ☑ Independent compensation consultant ☑ Compensation survey or study ☑ Form 990 of other organizations ☐ Approval by the board or compensation committee			
4	During the year, did any person listed in Form 990, Part VII, Section A, line 1a with respect to the filing organization or a related organization			
a	Receive a severance payment or change-of-control payment?	**4a**		No
b	Participate in, or receive payment from, a supplemental nonqualified retirement plan?	**4b**		No
c	Participate in, or receive payment from, an equity-based compensation arrangement?	**4c**		No
	If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III			
	Only 501(c)(3) and 501(c)(4) organizations only must complete lines 5-9.			
5	For persons listed in Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of			
a	The organization?	**5a**		No
b	Any related organization?	**5b**		No
	If "Yes," to line 5a or 5b, describe in Part III			
6	For persons listed in Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of			
a	The organization?	**6a**		No
b	Any related organization?	**6b**		No
	If "Yes," to line 6a or 6b, describe in Part III			
7	For persons listed in Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III	**7**		No
8	Were any amounts reported in Form 990, Part VII, paid or accured pursuant to a contract that was subject to the initial contract exception described in Regulations section 53 4958-4(a)(3)? If "Yes," describe in Part III	**8**		No
9	If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53 4958-6(c)?	**9**		

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

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

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

(A) Name and Title	**(B)** Breakdown of W-2 and/or 1099-MISC compensation			**(C)** Retirement and other deferred compensation	**(D)** Nontaxable benefits	**(E)** Total of columns (B)(i)-(D)	**(F)** Compensation reported as deferred in prior Form 990
	(i) Base compensation	**(ii)** Bonus & incentive compensation	**(iii)** Other reportable compensation				
See Additional Data Table							

Part III Supplemental Information

Complete this part to 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

Identifier	Return Reference	Explanation
FIRST CLASS TRAVEL	PART I, LINE 1A	DUE TO A MEDICAL CONDITION, FIRST CLASS TRAVEL WAS NOT TREATED AS TAXABLE COMPENSATION TO JOHN HAYNES
TRAVEL FOR COMPANIONS	PART I, LINE 1A	THE COST OF SPOUSE TRAVEL FOR MR DYLLA'S WIFE WAS TREATED AS ADDITIONAL COMPENSATION
ESTABLISH CEO COMPENSATION	PART I, LINE 3	ON AN ANNUAL BASIS AIP RETAINS A COMPENSATION CONSULTING FIRM TO REVIEW THE CURRENT COMPENSATION OF THE CEO, WHICH INCLUDES DETAILED COMPARISONS WITH COMPARABLY SIZED NOT-FOR-PROFIT ORGANIZATIONS AS WELL AS SELECTED PEER SCIENTIFIC AND ENGINEERING ORGANIZATIONS THIS INFORMATION IS REVIEWED BY THE SECRETARY OF THE BOARD AND THE CHAIR OF THE GOVERNING BOARD OF AIP THE CHAIR THEN DISCUSSES IT WITH THE EXECUTIVE COMMITTEE OF THE GOVERNING BOARD WHO MAKES THE FINAL DECISION OF THE COMPENSATION FOR THE CEO COMPENSATION FOR THE CEO IS DISCUSSED AND DOCUMENTED DURING THE EXECUTIVE SESSION OF AIP'S BOARD MEETINGS

Additional Data

Return to Form

Software ID:
Software Version:
EIN: 13-1667053
Name: AMERICAN INSTITUTE OF PHYSICS INC

Form 990, Schedule J, Part II - Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

(A) Name		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation reported in prior Form 990 or Form 990-EZ
		(i) Base Compensation	(ii) Bonus & incentive compensation	(iii) Other compensation				
H FREDERICK DYLLA	(i)	442,957	25,000	23,365	25,000	24,420	540,742	0
	(ii)	0	0	0	0	0	0	0
RICHARD BACCANTE	(i)	258,414	5,000	2,185	25,000	18,866	309,465	0
	(ii)	0	0	0	0	0	0	0
THERESA C BRAUN	(i)	213,970	0	633	21,110	10,065	245,778	0
	(ii)	0	0	0	0	0	0	0
JOHN HAYNES	(i)	320,832	62,240	13,857	25,000	10,432	432,361	0
	(ii)	0	0	0	0	0	0	0
CATHERINE O'RIORDAN	(i)	205,255	0	480	20,470	2,854	229,059	0
	(ii)	0	0	0	0	0	0	0
EVAN OWENS	(i)	197,581	0	452	20,530	27,112	245,675	0
	(ii)	0	0	0	0	0	0	0
RANDOLPH NANNA	(i)	187,198	0	480	18,886	9,967	216,531	0
	(ii)	0	0	0	0	0	0	0
LISA MCLAUGHLIN	(i)	161,199	0	153	16,290	9,901	187,543	0
	(ii)	0	0	0	0	0	0	0
ADRIANA ACOSTAURIA	(i)	188,494	7,000	38	5,837	9,992	211,361	0
	(ii)	0	0	0	0	0	0	0
ROBERT HARINGTON	(i)	185,774	0	0	18,520	1,198	205,492	0
	(ii)	0	0	0	0	0	0	0
CATHERINE SWARTZ	(i)	172,206	2,000	932	18,070	27,022	220,230	0
	(ii)	0	0	0	0	0	0	0
WENDY MARRIOTT	(i)	165,394	0	480	17,140	26,997	210,011	0
	(ii)	0	0	0	0	0	0	0
LORI CARLIN-SIEGEL	(i)	153,738	0	305	16,290	18,523	188,856	0
	(ii)	0	0	0	0	0	0	0
MARK CASSAR	(i)	151,258	0	452	15,870	26,955	194,535	0
	(ii)		0	0	0	0	0	0

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Schedule L
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Transactions with Interested Persons

▶ Complete if the organization answered "Yes" on Form 990, Part IV, lines 25a, 25b, 26, 27, 28a, 28b, or 28c, or Form 990-EZ, Part V, line 38a or 40b.
▶ Attach to Form 990 or Form 990-EZ. ▶ See separate instructions.

OMB No 1545-0047

2012

Open to Public Inspection

Name of the organization
AMERICAN INSTITUTE OF PHYSICS INC

Employer identification number
13-1667053

Part I Excess Benefit Transactions (section 501(c)(3) and section 501(c)(4) organizations only).

Complete if the organization answered "Yes" on Form 990, Part IV, line 25a or 25b, or Form 990-EZ, Part V, line 40b

1 (a) Name of disqualified person	(b) Relationship between disqualified person and organization	(c) Description of transaction	(d) Corrected? Yes	No
(1) THERESA C BRAUN	VP, HUMAN RESOURCES	PERS USE-Corp Credit Card	Yes	

2 Enter the amount of tax incurred by organization managers or disqualified persons during the year under section 4958 . . . . . ▶ $ 423

3 Enter the amount of tax, if any, on line 2, above, reimbursed by the organization . . . . . ▶ $

Part II Loans to and/or From Interested Persons.

Complete if the organization answered "Yes" on Form 990-EZ, Part V, line 38a, or Form 990, Part IV, line 26, or if the organization reported an amount on Form 990, Part X, line 5, 6, or 22

(a) Name of interested person	(b) Relationship with organization	(c) Purpose of loan	(d) Loan to or from the organization? To	From	(e) Original principal amount	(f) Balance due	(g) In default? Yes	No	(h) Approved by board or committee? Yes	No	(i) Written agreement? Yes	No
(1) THERESA C BRAUN	VP - HR	REPAYMENT		X	1,692	1,692		No		No	Yes	
Total			▶ $			1,692						

Part III Grants or Assistance Benefitting Interested Persons.

Complete if the organization answered "Yes" on Form 990, Part IV, line 27.

(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of assistance	(d) Type of assistance	(e) Purpose of assistance

Part IV **Business Transactions Involving Interested Persons.**
Complete if the organization answered "Yes" on Form 990, Part IV, line 28a, 28b, or 28c.

(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of transaction	(d) Description of transaction	(e) Sharing of organization's revenues?	
				Yes	No

Part V **Supplemental Information**
Complete this part to provide additional information for responses to questions on Schedule L (see instructions)

Identifier	Return Reference	Explanation
SCHEDULE L, PART I		THE VP OF HUMAN RESOURCES NO LONGER HAS ACCESS TO THE CORPORATE CREDIT CARD

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SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

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

OMB No 1545-0047

2012

Open to Public Inspection

Name of the organization
AMERICAN INSTITUTE OF PHYSICS INC

Employer identification number
13-1667053

Identifier	Return Reference	Explanation
990 CORE PART VI, LINE 6		AIP IS A NON-STOCK, NON-PROFIT MEMBERSHIP CORPORATION
990 CORE PART VI, LINE 7A		EACH OF AIP TEN MEMBER SOCIETIES MAY ELECT ONE OR MORE MEMBERS TO AIP GOVERNING BOARD
990 CORE PART VI, LINE 11A		THE FORM 990 IS PREPARED AND REVIEWED BY THE ORGANIZATION'S INDEPENDENT ACCOUNTING FIRM WITH ASSISTANCE FROM AIP'S SENIOR MANAGEMENT THE FORM 990 IS THEN REVIEWED BY THE AUDIT COMMITTEE AND THEN MADE AVAILABLE TO ALL MEMBERS OF THE GOVERNING BOARD PRIOR TO FILING
990 CORE PART VI, LINE 12C		EACH YEAR A CONFLICT OF INTEREST FORM IS COMPLETED BY ALL REQUIRED INDIVIDUALS THE SECRETARY OF AIP REVIEWS AND EVALUATES IF THERE IS ANY CONFLICT OF INTEREST AND ITS IMPACT TO THE ORGANIZATION
990 CORE PART VI, LINE 15A		ON AN ANNUAL BASIS AIP RETAINS A COMPENSATION CONSULTING FIRM TO REVIEW THE CURRENT COMPENSATION OF THE CEO, WHICH INCLUDES DETAILED COMPARISONS WITH COMPARABLY SIZED NOT-FOR-PROFIT ORGANIZATIONS AS WELL AS SELECTED PEER SCIENTIFIC AND ENGINEERING ORGANIZATIONS THIS INFORMATION IS REVIEWED BY THE SECRETARY OF THE BOARD AND THE CHAIR OF THE GOVERNING BOARD OF AIP THE CHAIR THEN DISCUSSES IT WITH THE EXECUTIVE COMMITTEE OF THE GOVERNING BOARD WHO MAKES THE FINAL DECISION OF THE COMPENSATION FOR THE CEO A RECORD OF THE DISCUSSION AND COMPENSATION ACTIONS ARE RECORDED IN THE EXECUTIVE COMMITTEE MEETING MINUTES
990 CORE PART VI, LINE 15B		BIANNUALLY AIP RETAINS A COMPENSATION CONSULTING FIRM TO REVIEW THE CURRENT COMPENSATION OF THE OPERATING OFFICERS THE REPORT INCLUDES DETAILED COMPARISONS WITH COMPARABLY SIZED NOT-FOR-PROFIT ORGANIZATIONS AND SELECTED PEER SCIENTIFIC AND ENGINEERING ORGANIZATIONS THIS INFORMATION IS REVIEW BY THE VICE PRESIDENT OF HUMAN RESOURCES AND CEO THE CEO MAKES A RECOMMENDATION TO THE COMPENSATION COMMITTEE FOR APPROVAL PERIODICALLY THIS PROCESS IS DONE FOR KEY EMPLOYEES AND IS REVIEWED AND APPROVED BY THE MANAGEMENT COMMITTEE THE DELIBERATIONS ARE DOCUMENTED IN THE MINUTES
990 CORE PART VI, LINE 19		THE AIP WEBSITE HAS A GOVERNANCE SECTION THAT INCLUDES THE GOVERNING DOCUMENTS AND CONFLICT OF INTEREST POLICY ALSO, ON THE WEBSITE ARE ANNUAL REPORTS THAT INCLUDE FINANCIAL HIGHLIGHTS FOR AIP
990 CORE PART XI, LINE 9	OTHER CHANGES IN NET ASSETS OR FUND BALANCES	FASB ADOPTION POST RETIREMENT PLANS (369,882) ---------- TOTAL (369,882)

SCHEDULE R (Form 990)

Department of the Treasury
Internal Revenue Service

Related Organizations and Unrelated Partnerships

▶ Complete if the organization answered "Yes" to Form 990, Part IV, line 33, 34, 35, 36, or 37.
▶ Attach to Form 990. ▶ See separate instructions.

OMB No 1545-0047

2012

Open to Public Inspection

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" to 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

Part II **Identification of Related Tax-Exempt Organizations** (Complete if the organization answered "Yes" to 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) PHYSICS CONFERENCES INCORPORATED ONE PHYSICS ELLIPSE COLLEGE PARK, MD 20740 52-2205188	CONFERENCES	DE	501(C)(3)	9	AIP		No
(2) AMERICAN CENTER FOR PHYSICS ONE PHYSICS ELLIPSE COLLEGE PARK, MD 20740 52-1712905	BUILDING	MD	501(C)(3)	11B	NA		No

Part III **Identification of Related Organizations Taxable as a Partnership** (Complete if the organization answered "Yes" to 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? Yes	(h) No	(i) Code V—UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner? Yes	(j) No	(k) Percentage ownership

Part IV **Identification of Related Organizations Taxable as a Corporation or Trust** (Complete if the organization answered "Yes" to 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	(i) No
(1) AIP GLOBAL INC ONE PHYSICS ELLIPSE COLLEGE PARK, MD 20740 27-0602778	INTERNATIONAL	DE	AIP	C CORP	37,594	719,840	100 000 %	Yes	

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

		Yes	No
Note. Complete line 1 if any entity is listed in Parts II, III, or IV of this schedule			
1 During the tax year, did the orgranization 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	1a		No
b Gift, grant, or capital contribution to related organization(s)	1b		No
c Gift, grant, or capital contribution from related organization(s)	1c		No
d Loans or loan guarantees to or for related organization(s)	1d		No
e Loans or loan guarantees by related organization(s)	1e		No
f Dividends from related organization(s)	1f		No
g Sale of assets to related organization(s)	1g		No
h Purchase of assets from related organization(s)	1h		No
i Exchange of assets with related organization(s)	1i		No
j Lease of facilities, equipment, or other assets to related organization(s)	1j		No
k Lease of facilities, equipment, or other assets from related organization(s)	1k	Yes	
l Performance of services or membership or fundraising solicitations for related organization(s)	1l	Yes	
m Performance of services or membership or fundraising solicitations by related organization(s)	1m	Yes	
n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)	1n		No
o Sharing of paid employees with related organization(s)	1o	Yes	
p Reimbursement paid to related organization(s) for expenses	1p	Yes	
q Reimbursement paid by related organization(s) for expenses	1q		No
r Other transfer of cash or property to related organization(s)	1r		No
s Other transfer of cash or property from related organization(s)	1s		No

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

(a) Name of other organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved
(1) AMERICAN CENTER FOR PHYSICS	K	3,257,310	AGREEMENT
(2) AIP GLOBAL INC	L	37,431	AGREEMENT
(3) AIP GLOBAL INC	M	20,600	AGREEMENT
(4) AMERICAN CENTER FOR PHYSICS	O	945,833	AGREEMENT
(5) AIP GLOBAL INC	P	249,540	AGREEMENT

Part VI **Unrelated Organizations Taxable as a Partnership** (Complete if the organization answered "Yes" to 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 section 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**

Complete this part to provide additional information for responses to questions on Schedule R (see instructions)

Identifier	Return Reference	Explanation

Additional Data

Return to Form

Software ID:
Software Version:
EIN: 13-1667053
Name: AMERICAN INSTITUTE OF PHYSICS INC

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