

For Paperwork Reduction Act Notice, see the separate instructions. Cat No 11282Y Form **990** (2017)

Part III Statement of Program Service AccomplishmentsCheck if Schedule O contains a response or note to any line in this Part III ☐ ☒**1** Briefly describe the organization's mission

THE MISSION OF THE JOHNS HOPKINS UNIVERSITY IS TO EDUCATE ITS STUDENTS AND CULTIVATE THEIR CAPACITY FOR LIFE-LONG LEARNING, TO FOSTER INDEPENDENT AND ORIGINAL RESEARCH, AND TO BRING THE BENEFITS OF DISCOVERY TO THE WORLD

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 \$ 5,437,697,000 including grants of \$ 819,722,000) (Revenue \$ 4,141,634,000)
See Additional Data

4b (Code) (Expenses \$ 97,865,000 including grants of \$) (Revenue \$ 104,001,000)
See Additional Data


























4c (Code) (Expenses \$ 132,000,000 including grants of \$) (Revenue \$)
See Additional Data

(Code) (Expenses \$ 52,516,000 including grants of \$) (Revenue \$)
LIBRARIES

4d Other program services (Describe in Schedule O)
(Expenses \$ 52,516,000 including grants of \$) (Revenue \$)

4e Total program service expenses **▶** 5,720,078,000

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 Yes	
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 Yes	
9 Did the organization report an amount in Part X, line 21 for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X, or provide credit counseling, debt management, credit repair, or debt negotiation services? If "Yes," complete Schedule D, Part IV 	9 Yes	
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 Yes	
c Did the organization report an amount for investments—program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VIII 	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	No
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 Yes	
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 other assistance to or for any foreign organization? If "Yes," complete Schedule F, Parts II and IV 	15 Yes	
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? If "Yes," complete Schedule F, Parts III and IV 	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 Yes	
18 Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? If "Yes," complete Schedule G, Part II 	18 Yes	
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

Part IV Checklist of Required Schedules (continued)

	Yes	No
20a Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>		No
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
21 Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>	Yes	
22 Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i>	Yes	
23 Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J</i>	Yes	
24a Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a</i>	Yes	
b Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?		No
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?		No
d Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?		No
25a Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>		No
b Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>		No
26 Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If "Yes," complete Schedule L, Part II</i>	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? <i>If "Yes," complete Schedule L, Part III</i>		No
28 Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions)		
a A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	Yes	
b A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	Yes	
c An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV</i>	Yes	
29 Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	Yes	
30 Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i>	Yes	
31 Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>		No
32 Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i>		No
33 Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i>	Yes	
34 Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1</i>	Yes	
35a Did the organization have a controlled entity within the meaning of section 512(b)(13)?	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)? <i>If "Yes," complete Schedule R, Part V, line 2</i>	Yes	
36 Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>	Yes	
37 Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i>		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	Yes	

Part V

Statements Regarding Other IRS Filings and Tax Compliance

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

☒

		Yes	No			
1a	Enter the number reported in Box 3 of Form 1096 Enter -0- if not applicable	1a	39,721			
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	44,522			
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" to line 3b, 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	<div>AF, AO, BG, BC, UV, IV, ET, GH, GV, HA, HK, IN, ID IT, KE, LT, LI, MA, MI, MZ, NP, NI, PK, RW, TZ, TO, UG, UK, VM, CM, CA, CD, CI, ML, WZ, SL, ZA, RP, AL, OD, BM, CG, WA</div> If "Yes," enter the name of the foreign country					
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	Yes			
b	If "Yes," did the organization notify the donor of the value of the goods or services provided?	7b	Yes			
c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	7c	Yes			
d	If "Yes," indicate the number of Forms 8282 filed during the year	7d	2			
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	7e			No	
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	7f			No	
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?	7g				
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?	7h				
8 Sponsoring organizations maintaining donor advised funds.						
	Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year?	8			No	
9a	Did the sponsoring organization make any taxable distributions under section 4966?	9a			No	
b	Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?	9b			No	
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?						
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?						
b	If "Yes," has it filed a Form 720 to report these payments?If "No," provide an explanation in Schedule O	14b			No	

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

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

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year		
	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		
1b	Enter the number of voting members included in line 1a, above, who are independent		
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?	Yes	
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?		No
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	Yes	
5	Did the organization become aware during the year of a significant diversion of the organization's assets?		No
6	Did the organization have members or stockholders?		No
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?		No
7b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?		No
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:		
a	The governing body?	Yes	
b	Each committee with authority to act on behalf of the governing body?	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.		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?	Yes	
10b	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?	Yes	
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	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.	Yes	
12b	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	Yes	
12c	Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done.	Yes	
13	Did the organization have a written whistleblower policy?	Yes	
14	Did the organization have a written document retention and destruction policy?	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?		
15a	The organization's CEO, Executive Director, or top management official	Yes	
15b	Other officers or key employees of the organization	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?	Yes	
16b	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?	Yes	

Section C. Disclosure

17 List the States with which a copy of this Form 990 is required to be filed: AK, MA, MD, MI, MN, NH, NY, OH, OR, PA, SC, WA, CO

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, address, and telephone number of the person who possesses the organization's books and records.
 ▶ SCOTT JONAS CONTROLLER 3910 KESWICK ROAD SUITE N-5112 BALTIMORE, MD 21211 (443) 997-8155

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

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

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[illegible]

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 ▶ 8,800

Section B. Independent Contractors

(A) Name and business address	(B) Description of services	(C) Compensation
WHITING TURNER CONTRACTING COMPANY 300 EAST JOPPA RD BALTIMORE, MD 21286	CONSTRUCTION SERVICES	43,209,304
BROADWAY SERVICES 3709 E MONUMENT ST BALTIMORE, MD 21205	SECURITY, PARKING, SHUTTLE, FACILITY MAN	21,053,266
BON APPETIT MANAGEMENT COMPANY 100 HAMILTON AVE SUITE 400 PALO ALTO, CA 94301	FOOD SERVICE	13,666,101
WILEY EDUCATION LLC 1415 W 22ND STREET 400 OAKBROOK, IL 60523	ONLINE EDUCATION SERVICES	12,645,243
FUTURE TECH ENTERPRISE INC 101-8 COLIN DRIVE HOLBROOK, NY 11741	IT SERVICES	8,948,863

Form 990 (2017)

Part VIII

Statement of Revenue

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

Contributions, Gifts, Grants
and Other Similar Amounts

		(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514
1a	Federated campaigns . . .	1a			
b	Membership dues . . .	1b			
c	Fundraising events . . .	1c	1,492,000		
d	Related organizations	1d			
e	Government grants (contributions)	1e	1,310,168,000		
f	All other contributions, gifts, grants, and similar amounts not included above	1f	845,727,000		
g	Noncash contributions included in lines 1a-1f \$	49,716,000			
h	Total. Add lines 1a-1f	2,157,387,000			

Program Service Revenue

	Business Code				
2a	CONTRACT REVENUE	541700	1,774,530,000	1,774,530,000	
b	TUITION AND FEES	611310	991,240,000	991,240,000	
c	CLINICAL SERVICES	541900	708,693,000	708,693,000	
d	REIMB FROM AFFILIATES	541900	570,649,000	570,649,000	
e	SALES - AUXILIARY ENTP	721310	104,056,000	104,001,000	55,000
f	All other program service revenue		118,383,000	96,522,000	21,861,000
g	Total. Add lines 2a-2f	4,267,551,000			

Other Revenue

3	Investment income (including dividends, interest, and other similar amounts)		95,134,000			95,134,000
4	Income from investment of tax-exempt bond proceeds					
5	Royalties		22,859,000			22,859,000
6a	Gross rents	(i) Real	(ii) Personal			
b	Less rental expenses					
c	Rental income or (loss)					
d	Net rental income or (loss)					
7a	Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other			
b	Less cost or other basis and sales expenses	4,164,667,000				
c	Gain or (loss)	3,655,582,000	1,805,000			
d	Net gain or (loss)	509,085,000	-1,805,000	507,280,000		507,280,000
8a	Gross income from fundraising events (not including \$ 1,492,000 of contributions reported on line 1c) See Part IV, line 18	a	317,000			
b	Less direct expenses	b	454,000			
c	Net income or (loss) from fundraising events		-137,000			-137,000
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					
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					
	Miscellaneous Revenue	Business Code				
11a						
b						
c						
d	All other revenue					
e	Total. Add lines 11a-11d					
12	Total revenue. See Instructions		7,050,074,000	4,245,635,000	21,916,000	625,136,000

Part IX Statement of Functional Expenses

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

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

	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.				
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21.	355,661,000	355,661,000		
2 Grants and other assistance to domestic individuals. See Part IV, line 22.	366,680,000	366,680,000		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, line 15 and 16.	97,381,000	97,381,000		
4 Benefits paid to or for members.				
5 Compensation of current officers, directors, trustees, and key employees.	17,362,000	1,658,000	14,623,000	1,081,000
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B).	3,069,000	2,625,000	444,000	
7 Other salaries and wages.	2,722,313,000	2,519,789,000	164,346,000	38,178,000
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions).	238,801,000	228,136,000	8,554,000	2,111,000
9 Other employee benefits.	502,140,000	458,674,000	35,189,000	8,277,000
10 Payroll taxes.	116,107,000	106,983,000	7,475,000	1,649,000
11 Fees for services (non-employees):				
a Management.	36,767,000	29,398,000	7,034,000	335,000
b Legal.	2,752,000	53,000	2,645,000	54,000
c Accounting.	2,066,000	1,219,000	846,000	1,000
d Lobbying.	264,000		264,000	
e Professional fundraising services. See Part IV, line 17.	823,000			823,000
f Investment management fees.	28,112,000		28,112,000	
g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O).	463,724,000	376,926,000	80,385,000	6,413,000
12 Advertising and promotion.	19,723,000	17,189,000	1,316,000	1,218,000
13 Office expenses.	156,609,000	143,154,000	7,956,000	5,499,000
14 Information technology.	60,940,000	52,916,000	7,671,000	353,000
15 Royalties.	21,060,000	11,104,000	9,887,000	69,000
16 Occupancy.	129,952,000	114,679,000	13,118,000	2,155,000
17 Travel.	153,605,000	146,290,000	4,522,000	2,793,000
18 Payments of travel or entertainment expenses for any federal, state, or local public officials.				
19 Conferences, conventions, and meetings.	17,339,000	16,268,000	864,000	207,000
20 Interest.	47,583,000	44,973,000	2,197,000	413,000
21 Payments to affiliates.				
22 Depreciation, depletion, and amortization.	211,194,000	186,449,000	24,126,000	619,000
23 Insurance.	81,309,000	79,906,000	1,275,000	128,000
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 OTHER MISC. EXPENSES	215,476,000	200,976,000	14,274,000	226,000
b RESEARCH/LAB EXPENSES	162,211,000	160,991,000	1,056,000	164,000
c				
d				
e All other expenses				
25 Total functional expenses. Add lines 1 through 24e.	6,231,023,000	5,720,078,000	438,179,000	72,766,000
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720)				

Part X Balance SheetCheck if Schedule O contains a response or note to any line in this Part IX ☐

		(A) Beginning of year		(B) End of year
Assets	1 Cash—non-interest-bearing	55,617,000	1	60,704,000
	2 Savings and temporary cash investments	289,750,000	2	201,652,000
	3 Pledges and grants receivable, net	470,350,000	3	500,150,000
	4 Accounts receivable, net	605,589,000	4	642,304,000
	5 Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L	1,000,000	5	875,000
	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		6	
	7 Notes and loans receivable, net		7	
	8 Inventories for sale or use	2,607,000	8	2,507,000
	9 Prepaid expenses and deferred charges	66,304,000	9	60,643,000
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	5,175,424,000		
	b Less: accumulated depreciation	3,048,511,000		
		2,093,090,000	10c	2,126,913,000
	11 Investments—publicly traded securities	3,604,433,000	11	3,465,330,000
	12 Investments—other securities. See Part IV, line 11	2,393,813,000	12	3,109,787,000
	13 Investments—program-related. See Part IV, line 11	34,673,000	13	30,834,000
	14 Intangible assets		14	
15 Other assets. See Part IV, line 11	436,203,000	15	446,269,000	
16 Total assets. Add lines 1 through 15 (must equal line 34)	10,053,429,000	16	10,647,968,000	
Liabilities	17 Accounts payable and accrued expenses	586,881,000	17	636,682,000
	18 Grants payable		18	
	19 Deferred revenue	605,037,000	19	555,785,000
	20 Tax-exempt bond liabilities	538,181,000	20	408,610,000
	21 Escrow or custodial account liability. Complete Part IV of Schedule D	584,218,000	21	621,769,000
	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		22	
	23 Secured mortgages and notes payable to unrelated third parties	95,356,000	23	83,755,000
	24 Unsecured notes and loans payable to unrelated third parties	664,993,000	24	754,627,000
	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	504,711,000	25	407,284,000
	26 Total liabilities. Add lines 17 through 25	3,579,377,000	26	3,468,512,000
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.			
	27 Unrestricted net assets	2,765,453,000	27	2,989,309,000
	28 Temporarily restricted net assets	1,328,880,000	28	1,482,810,000
	29 Permanently restricted net assets	2,379,719,000	29	2,707,337,000
	Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.			
	30 Capital stock or trust principal, or current funds		30	
	31 Paid-in or capital surplus, or land, building or equipment fund		31	
	32 Retained earnings, endowment, accumulated income, or other funds		32	
	33 Total net assets or fund balances	6,474,052,000	33	7,179,456,000
34 Total liabilities and net assets/fund balances	10,053,429,000	34	10,647,968,000	

Part XI Reconciliation of Net AssetsCheck if Schedule O contains a response or note to any line in this Part XI ☒

1	Total revenue (must equal Part VIII, column (A), line 12)	1	7,050,074,000
2	Total expenses (must equal Part IX, column (A), line 25)	2	6,231,023,000
3	Revenue less expenses Subtract line 2 from line 1	3	819,051,000
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	6,474,052,000
5	Net unrealized gains (losses) on investments	5	-203,197,000
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	89,550,000
10	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	7,179,456,000

Part XII Financial Statements and ReportingCheck if Schedule O contains a response or note to any line in this Part XII ☐

	Yes	No
1 Accounting method used to prepare the Form 990 <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O		
2a Were the organization's financial statements compiled or reviewed by an independent accountant? If 'Yes,' check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		No
b Were the organization's financial statements audited by an independent accountant? If 'Yes,' check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both <input type="checkbox"/> Separate basis <input checked="" type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis	Yes	
c If "Yes," to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O	Yes	
3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?	Yes	
b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits	Yes	

Additional Data

Software ID:
Software Version:
EIN: 52-0595110
Name: JOHNS HOPKINS UNIVERSITY

Form 990 (2017)

Form 990, Part III, Line 4a:

INSTRUCTION, RESEARCH AND CLINICAL PRACTICE EDUCATION AND RELATED SERVICES (E G , ROOM AND BOARD) ARE PROVIDED TO OVER 25,000 STUDENTS INCLUDING APPROXIMATELY 14,200 FULL-TIME AND 10,000 PART-TIME STUDENTS RESEARCH AND RELATED SERVICES (E G , RESEARCH TRAINING) ARE PROVIDED THROUGH APPROXIMATELY 2,100 GOVERNMENT AND PRIVATE SPONSORS THE UNIVERSITY REMAINS A LEADER AMONG THE NATION'S RESEARCH UNIVERSITIES UNIVERSITY RESEARCH HIGHLIGHTS ARE AVAILABLE AT WWW JHU EDU PROFESSIONAL MEDICAL SERVICES ARE PROVIDED BY MEMBERS OF THE UNIVERSITY'S FACULTY TO PATIENTS AT THE JOHNS HOPKINS HOSPITAL AND OTHER HOSPITALS AND OUTPATIENT CARE FACILITIES IN THE BALTIMORE AREA

Form 990, Part III, Line 4b:

AUXILIARY ENTERPRISES INCLUDES SERVICES FURNISHED DIRECTLY OR INDIRECTLY TO STUDENTS, FACULTY AND STAFF AND CHARGES RELATED TO, BUT NOT NECESSARILY EQUAL TO THE COST OF SERVICES. TRADITIONALLY THESE SERVICES INCLUDE, FOOD SERVICES, STUDENT HOUSING AND BOOKSTORES. ALSO REFLECTED IN THIS CATEGORY ARE ACTIVITIES RELATED TO VENDING MACHINES, BUS SERVICE AND ATHLETIC CONCESSIONS. IN ADDITION, THE UNIVERSITY INCLUDES THE ACTIVITIES RELATED TO THE JOHNS HOPKINS UNIVERSITY PRESS FOR PUBLICATION AND DISTRIBUTION OF SCHOLARLY BOOKS, JOURNALS AND ON-LINE COLLECTIONS.

Form 990, Part III, Line 4c:

STUDENT SERVICES INCLUDES ADMISSIONS AND REGISTRAR OFFICES AND THOSE ACTIVITIES WHOSE PRIMARY PURPOSE IS TO CONTRIBUTE TO THE STUDENT'S EMOTIONAL AND PHYSICAL WELL-BEING AND TO HIS OR HER INTELLECTUAL, CULTURAL AND SOCIAL DEVELOPMENT OUTSIDE THE CONTEXT OF THE FORMAL INSTRUCTION PROGRAM. EXAMPLES INCLUDE STUDENT SERVICES ADMINISTRATION, SOCIAL AND CULTURAL DEVELOPMENT, COUNSELING AND CAREER GUIDANCE, FINANCIAL AID ADMINISTRATION, STUDENT RECORDS AND STUDENT HEALTH SERVICES.

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			
ARONSON JEFFREY CHAIR, TRUSTEE	3 00	X		X				0	0	0
FORSTER LOUIS VICE CHAIR, TRUSTEE	3 00	X		X				0	0	0
HODGSON DAVID VICE CHAIR, TRUSTEE	3 00	X		X				0	0	0
AGARWAL ASHOK TRUSTEE	3 00	X						0	0	0
ANDERSON A ANTHONY TRUSTEE	3 00	X						0	0	0
ANDERSON JAMES TRUSTEE	3 00	X						0	0	0
BAILEY JANIE TRUSTEE	3 00	X						0	0	0
BARBER JEFFREY TRUSTEE	3 00	X						0	0	0
CHEN CHAOMEI TRUSTEE	3 00	X						0	0	0
CHENAULT-FATTAH RENEE TRUSTEE	3 00	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			
CLARVIT CHARLES TRUSTEE	3 00	X						0	0	0
COLES N ANTHONY TRUSTEE	3 00	X						0	0	0
CORDISH BLAKE TRUSTEE	3 00	X						0	0	0
DAIMLER SUSAN TRUSTEE	3 00	X						0	0	0
DRACOPOULOS ANDREAS TRUSTEE	3 00	X						0	0	0
FAXON ROGER TRUSTEE	3 00	X						0	0	0
HANDLEY ALLYSON TRUSTEE	3 00	X						0	0	0
HANEX TAYLOR TRUSTEE	3 00	X						0	0	0
HANKIN MICHAEL TRUSTEE	3 00	X						0	0	0
HOMCY CHARLES TRUSTEE	3 00	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			
JALLAL BAHJA TRUSTEE	3 00	X						0	0	0
KUMIN SOLOMON TRUSTEE	3 00	X						0	0	0
LEDER ETHAN TRUSTEE	3 00	X						0	0	0
MARGOLIES ROSS TRUSTEE	3 00	X						0	0	0
MOORE STEPHEN TRUSTEE	3 00	X						0	0	0
MURREN HEATHER TRUSTEE	3 00	X						0	0	0
NOLAN DAVID TRUSTEE	3 00	X						0	0	0
O'HAGAN SARAH TRUSTEE	3 00	X						0	0	0
PEETZ KAREN TRUSTEE	3 00	X						0	0	0
SALANT MARSHAL TRUSTEE	3 00	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			
SCHARF CHARLES TRUSTEE	3 00	X						0	0	0
SCHEELER CHARLES TRUSTEE	3 00	X						0	0	0
SHATTUCK III MAYO TRUSTEE	3 00	X						0	0	0
STROMBERG WILLIAM TRUSTEE	3 00	X						0	0	0
WINTER JAMES TRUSTEE	3 00	X						0	0	0
YAFFE DAVID P TRUSTEE	3 00	X						0	0	0
DANIELS RONALD J PRESIDENT, TRUSTEE	50 00	X		X				1,649,652	0	1,123,559
ATES KATHERINE CHIEF OF STAFF	50 00			X				498,608	0	171,444
CONWAY HEIDI VP-HUMAN RESOURCES	50 00			X				386,339	0	70,600
ENNIS DANIEL G SR VP-FINANCE & ADMINISTRATION	50 00			X				883,162	0	322,927

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			
GRADY HELENE VP-PLANNING & BUDGET	50 00			X				329,806	0	58,925
HILL KEITH VP-CORPORATE SECURITY	22 50			X				149,860	0	26,146
HYATT MELISSA VP-CORPORATE SECURITY	50 00			X				0	0	0
KUMAR SUNIL SR VP-ACADEMIC AFFAIRS & PROVOST	50 00			X				762,377	0	105,288
LEWIS THOMAS VP-GOVERNMENT & COMMUNITY AFFAIRS	50 00			X				321,284	0	44,579
MARSH MAUREEN SECRETARY OF THE BOARD OF TRUSTEES	50 00			X				360,020	0	85,235
MCLEAN ROBERT VP FOR FACILITIES & REAL ESTATE	50 00			X				357,697	0	45,313
PERLIONI JASON VP-INVESTMENTS & CHIEF INVESTMENT OFFICER	50 00			X				898,993	0	55,893
PINEAU ARTHUR VP AND GENERAL COUNSEL	50 00			X				572,656	0	118,722
RIDGE SUSAN VP-COMMUNICATIONS & PUBLIC AFFAIRS	50 00			X				238,899	0	25,485

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			
ROTHMAN PAUL CEO & DEAN OF MEDICAL FACULTY	50 00			X				2,046,130	0	677,774
SCHROEDER FREDERIC VP-DEVELOPMENT & ALUMNI RELATIONS	50 00			X				739,426	0	297,844
SEMMEI RALPH DIRECTOR-APL	50 00			X				1,037,362	0	504,738
HINGTGEN MARK CFO-SCHOOL OF MEDICINE	50 00				X			298,061	0	21,566
REEL STEPHANIE VICE PROVOST FOR INFO TECHNOLOGY	50 00				X			747,843	0	86,857
BREM HENRY PROFESSOR (SEE SCHED O)	50 00					X		1,449,825	0	151,904
FICKE JAMES PROFESSOR (SEE SCHED O)	50 00					X		1,226,622	0	91,896
LIM MICHAEL PROFESSOR (SEE SCHED O)	50 00					X		1,222,410	0	43,957
MILNER STEPHEN PROFESSOR	50 00					X		2,698,025	0	18,952
SPONSELLER PAUL PROFESSOR (SEE SCHED O)	50 00					X		1,483,103	0	72,496

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			
HAYES CHARLENE FORMER VP-HUMAN RESOURCES	0 00						X	403,038	0	31,523
KLAG MICHAEL FORMER DEAN - SCHOOL OF PUBLIC HEALTH	0 00						X	827,917	0	77,521
LIEBERMAN ROBERT FORMER SR VP-ACADEMIC AFFAIRS & PROVOST	50 00						X	607,481	0	117,474
SPECTOR PHILLIP FORMER VP-STRATEGIC INITIATIVES	23 00						X	178,963	0	0
STARK WALTER J FORMER PROFESSOR	0 00						X	2,228,965	0	0

SCHEDULE A
(Form 990 or 990EZ)

Department of the Treasury
Internal Revenue Service

Name of the organization
JOHNS HOPKINS UNIVERSITY

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.
▶ Attach to Form 990 or Form 990-EZ.
▶ Information about Schedule A (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047

2017

Open to Public Inspection

Employer identification number
52-0595110

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

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

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

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

Part II

Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv), 170(b)(1)(A)(vi), and 170(b)(1)(A)(ix)
(Complete only if you checked the box on line 5, 7, 8, or 9 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) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
1	Gifts, grants, contributions, and membership fees received (Do not include any "unusual grant ")	1,794,255,000	1,811,897,000	1,914,949,000	2,192,834,000	2,157,387,000	9,871,322,000
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	1,794,255,000	1,811,897,000	1,914,949,000	2,192,834,000	2,157,387,000	9,871,322,000
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)						342,731,377
6	Public support. Subtract line 5 from line 4						9,528,590,623

Section B. Total Support								
Calendar year (or fiscal year beginning in) ►		(a)2013	(b)2014	(c)2015	(d)2016	(e)2017	(f)Total	
7	Amounts from line 4	1,794,255,000	1,811,897,000	1,914,949,000	2,192,834,000	2,157,387,000	9,871,322,000	
8	Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	122,302,000	98,546,000	134,312,000	108,891,000	117,993,000	582,044,000	
9	Net income from unrelated business activities, whether or not the business is regularly carried on							
10	Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI)							
11	Total support. Add lines 7 through 10						10,453,366,000	
12	Gross receipts from related activities, etc (see instructions)						12	19,090,181,000
13	First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here <input type="checkbox"/>							

Section C. Computation of Public Support Percentage		
14	Public support percentage for 2017 (line 6, column (f) divided by line 11, column (f))	14 91.150 %
15	Public support percentage for 2016 Schedule A, Part II, line 14	15 90.750 %
16a	33 1/3% support test—2017. 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. <input checked="" type="checkbox"/>	
b	33 1/3% support test—2016. 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. <input type="checkbox"/>	
17a	10%-facts-and-circumstances test—2017. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization. <input type="checkbox"/>	
b	10%-facts-and-circumstances test—2016. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization. <input type="checkbox"/>	
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. <input type="checkbox"/>	

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

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ►	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")						
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year						
c Add lines 7a and 7b						
8 Public support. (Subtract line 7c from line 6.)						

Section B. Total Support

Calendar year (or fiscal year beginning in) ►	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
9 Amounts from line 6						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
c Add lines 10a and 10b						
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
13 Total support. (Add lines 9, 10c, 11, and 12.)						

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

Section C. Computation of Public Support Percentage

15 Public support percentage for 2017 (line 8, column (f) divided by line 13, column (f))	15	
16 Public support percentage from 2016 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2017 (line 10c, column (f) divided by line 13, column (f))	17	
18 Investment income percentage from 2016 Schedule A, Part III, line 17	18	

19a 33 1/3% support tests—2017. 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—2016. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization ► ☐

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

Part IV Supporting Organizations

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

Section A. All Supporting Organizations

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

Part IV

Supporting Organizations (continued)

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

Section B. Type I Supporting Organizations

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

Section C. Type II Supporting Organizations

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

Section D. All Type III Supporting Organizations

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

Section E. Type III Functionally-Integrated Supporting Organizations

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

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

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

Section A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1 Net short-term capital gain	1		
2 Recoveries of prior-year distributions	2		
3 Other gross income (see instructions)	3		
4 Add lines 1 through 3	4		
5 Depreciation and depletion	5		
6 Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6		
7 Other expenses (see instructions)	7		
8 Adjusted Net Income (subtract lines 5, 6 and 7 from line 4)	8		
Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1 Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year)	1		
a Average monthly value of securities	1a		
b Average monthly cash balances	1b		
c Fair market value of other non-exempt-use assets	1c		
d Total (add lines 1a, 1b, and 1c)	1d		
e Discount claimed for blockage or other factors (explain in detail in Part VI)			
2 Acquisition indebtedness applicable to non-exempt use assets	2		
3 Subtract line 2 from line 1d	3		
4 Cash deemed held for exempt use Enter 1-1/2% of line 3 (for greater amount, see instructions)	4		
5 Net value of non-exempt-use assets (subtract line 4 from line 3)	5		
6 Multiply line 5 by .035	6		
7 Recoveries of prior-year distributions	7		
8 Minimum Asset Amount (add line 7 to line 6)	8		
Section C - Distributable Amount			Current Year
1 Adjusted net income for prior year (from Section A, line 8, Column A)	1		
2 Enter 85% of line 1	2		
3 Minimum asset amount for prior year (from Section B, line 8, Column A)	3		
4 Enter greater of line 2 or line 3	4		
5 Income tax imposed in prior year	5		
6 Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	6		
7 <input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions)			

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

Section D - Distributions	Current Year
1 Amounts paid to supported organizations to accomplish exempt purposes	
2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	
3 Administrative expenses paid to accomplish exempt purposes of supported organizations	
4 Amounts paid to acquire exempt-use assets	
5 Qualified set-aside amounts (prior IRS approval required)	
6 Other distributions (describe in Part VI) See instructions	
7 Total annual distributions. Add lines 1 through 6	
8 Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI) See instructions	
9 Distributable amount for 2017 from Section C, line 6	
10 Line 8 amount divided by Line 9 amount	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2017	(iii) Distributable Amount for 2017
1 Distributable amount for 2017 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2017 (reasonable cause required-- explain in Part VI) See instructions			
3 Excess distributions carryover, if any, to 2017			
a			
b From 2013.			
c From 2014.			
d From 2015.			
e From 2016.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2017 distributable amount			
i Carryover from 2012 not applied (see instructions)			
j Remainder Subtract lines 3g, 3h, and 3i from 3f			
4 Distributions for 2017 from Section D, line 7 \$			
a Applied to underdistributions of prior years			
b Applied to 2017 distributable amount			
c Remainder Subtract lines 4a and 4b from 4			
5 Remaining underdistributions for years prior to 2017, if any Subtract lines 3g and 4a from line 2 If the amount is greater than zero, explain in Part VI See instructions			
6 Remaining underdistributions for 2017 Subtract lines 3h and 4b from line 1 If the amount is greater than zero, explain in Part VI See instructions			
7 Excess distributions carryover to 2018. Add lines 3j and 4c			
8 Breakdown of line 7			
a Excess from 2013.			
b Excess from 2014.			
c Excess from 2015.			
d Excess from 2016.			
e Excess from 2017.			

Additional Data

Software ID:
Software Version:
EIN: 52-0595110
Name: JOHNS HOPKINS UNIVERSITY

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

Facts And Circumstances Test

SCHEDULE C (Form 990 or 990-EZ)	Political Campaign and Lobbying Activities	OMB No 1545-0047
	For Organizations Exempt From Income Tax Under section 501(c) and section 527	2017
Department of the Treasury Internal Revenue Service	▶Complete if the organization is described below. ▶Attach to Form 990 or Form 990-EZ. ▶Information about Schedule C (Form 990 or 990-EZ) and its instructions is at <u>www.irs.gov/form990</u>.	Open to Public Inspection

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

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

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

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

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

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

Name of the organization JOHNS HOPKINS UNIVERSITY	Employer identification number 52-0595110
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Part I-A Complete if the organization is exempt under section 501(c) or is a section 527 organization.

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

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

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

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

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

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

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

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

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

Limits on Lobbying Expenditures
(The term "expenditures" means amounts paid or incurred.)**(a)** Filing
organization's
totals**(b)** Affiliated
group totals

1a Total lobbying expenditures to influence public opinion (grass roots lobbying)

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

If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:
Not over \$500,000	20% of the amount on line 1e
Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000
Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000
Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000
Over \$17,000,000	\$1,000,000

g Grassroots nontaxable amount (enter 25% of line 1f)

h Subtract line 1g from line 1a If zero or less, enter -0-

i Subtract line 1f from line 1c If zero or less, enter -0-

j If there is an amount other than zero on either line 1h or line 1i, did the organization file Form 4720 reporting section 4911 tax for this year?

☐ **Yes** ☐ **No****4-Year Averaging Period Under section 501(h)**

(Some organizations that made a section 501(h) election do not have to complete all of the five columns below. See the separate instructions for lines 2a through 2f.)

Lobbying Expenditures During 4-Year Averaging Period

Calendar year (or fiscal year beginning in)	(a) 2014	(b) 2015	(c) 2016	(d) 2017	(e) Total
2a Lobbying nontaxable amount					
b Lobbying ceiling amount (150% of line 2a, column(e))					
c Total lobbying expenditures					
d Grassroots nontaxable amount					
e Grassroots ceiling amount (150% of line 2d, column (e))					
f Grassroots lobbying expenditures					

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

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

		(a)		(b)
		Yes	No	Amount
1	During the year, did the filing organization attempt to influence foreign, national, state or local legislation, including any attempt to influence public opinion on a legislative matter or referendum, through the use of			
a	Volunteers?		No	
b	Paid staff or management (include compensation in expenses reported on lines 1c through 1i)?	Yes		
c	Media advertisements?		No	
d	Mailings to members, legislators, or the public?		No	
e	Publications, or published or broadcast statements?		No	
f	Grants to other organizations for lobbying purposes?		No	
g	Direct contact with legislators, their staffs, government officials, or a legislative body?	Yes		1,276,246
h	Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?		No	
i	Other activities?		No	
j	Total. Add lines 1c through 1i			1,276,246
2a	Did the activities in line 1 cause the organization to be not described in section 501(c)(3)?		No	
b	If "Yes," enter the amount of any tax incurred under section 4912			
c	If "Yes," enter the amount of any tax incurred by organization managers under section 4912			
d	If the filing organization incurred a section 4912 tax, did it file Form 4720 for this year?			

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

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

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

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

Part IV Supplemental Information

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

Return Reference	Explanation
PART II-B, LINE 1	JOHNS HOPKINS OFFICE OF GOVERNMENT AND COMMUNITY AFFAIRS SERVES AS A RESOURCE FOR POLICY MAKERS AND OTHER JOHNS HOPKINS OFFICIALS AND ADVANCES THE CONGRESSIONAL, STATE, AND LOCAL LEGISLATIVE AND REGULATORY INTERESTS OF JOHNS HOPKINS UNIVERSITY (JHU) IN FISCAL YEAR 2018, MEMBERS OF THE GOVERNMENT AND COMMUNITY AFFAIRS OFFICE LOBBIED FEDERAL, STATE, AND LOCAL GOVERNMENT OFFICIALS ON MATTERS OF BUDGETS AND APPROPRIATIONS, EDUCATION INCLUDING HIGHER EDUCATION, K-12 AND EARLY CHILDHOOD, HEALTH CARE INCLUDING MEDICARE/MEDICAID, SCIENCE AND TECHNOLOGY, TAXATION, LABOR, WORKPLACE AND ANTITRUST, RETIREMENT, AND THE ENVIRONMENT. IN ADDITION, GOVERNMENT AND COMMUNITY AFFAIRS LOBBIED FEDERAL GOVERNMENT OFFICIALS ON MATTERS RELATED TO FOREIGN RELATIONS, PHARMACEUTICALS, AND URBAN DEVELOPMENT POLICY AND LOBBIED STATE AND LOCAL GOVERNMENT OFFICIALS ON MATTERS RELATED TO ECONOMIC AND COMMUNITY DEVELOPMENT, TECH TRANSFER, FISCAL MATTERS, LAND USE, ZONING AND PLANNING ISSUES, TRANSPORTATION AND STREETSCAPES, PEDESTRIAN SAFETY, PUBLIC SAFETY, K-12 AND HIGHER EDUCATION, CAMPUS POLICIES, STUDENT LIFE, PUBLIC POLICY ON HEALTH MATTERS, AND YOUTH AND RECREATION PROGRAMS. JOHNS HOPKINS OFFICE OF GOVERNMENT AND COMMUNITY AFFAIRS SERVES JHU, JOHNS HOPKINS HEALTH SYSTEM AND THE HEALTH SYSTEM'S RELATED AFFILIATES (JHHS). THE COSTS INCURRED BY THE GOVERNMENT AND COMMUNITY AFFAIRS OFFICE IS SHARED BETWEEN JHU AND JHHS. JHU REPORTS LOBBYING EXPENSES GROSS OF ANY REIMBURSEMENT IT RECEIVES FROM JHHS. IN ADDITION, DURING THE TAX YEAR EXPENSES WERE PAID TO AN OUTSIDE LOBBYING FIRM FOR THE PRIMARY PURPOSE OF ASSISTING JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY (APL) WITH EXECUTING LEGISLATIVE STRATEGIES TO FURTHER STRENGTHEN JHU/APL'S ROLE IN NASA MISSIONS, PROJECTS AND PROGRAMS. IN THIS CAPACITY, THE OUTSIDE FIRM OCCASIONALLY INTERACTS WITH MEMBERS OF CONGRESS AND CONGRESSIONAL STAFFS ON JHU/APL'S BEHALF. ALTHOUGH THE FIRM IS AVAILABLE TO ASSIST WITH LEGISLATIVE AND/OR REGULATORY MATTERS IMPACTING JHU/APL'S ROLE IN OTHER SPONSORS' WORK, JHU/APL FOCUSED THE FIRM'S EFFORTS EXCLUSIVELY IN THE DOMAIN OF SPACE EXPLORATION DURING FISCAL YEAR 2018. THE FOCUS HAS BEEN PRIMARILY ON THE APPROPRIATIONS AND ARMED SERVICES COMMITTEES WITHIN THE US CONGRESS.

efile GRAPHIC print - DO NOT PROCESS		As Filed Data -		DLN: 93493134074489	
<div>SCHEDULE D (Form 990)</div> <div>Department of the Treasury Internal Revenue Service</div>		<div>Supplemental Financial Statements</div> <div>► Complete if the organization answered "Yes," on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b. ► Attach to Form 990.</div> <div>Information about Schedule D (Form 990) and its instructions is at www.irs.gov/form990.</div>			<div>OMB No 1545-0047</div> <div>2017</div> <div>Open to Public Inspection</div>
Name of the organization JOHNS HOPKINS UNIVERSITY				Employer identification number 52-0595110	
Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts. Complete if the organization answered "Yes" on Form 990, Part IV, line 6.					
		(a) Donor advised funds		(b) Funds and other accounts	
1	Total number at end of year	2		0	
2	Aggregate value of contributions to (during year)	253,100		0	
3	Aggregate value of grants from (during year)	25,000		0	
4	Aggregate value at end of year	352,050		0	
5	Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6	Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Part II Conservation Easements. Complete if the organization answered "Yes" on Form 990, Part IV, line 7.					
1	Purpose(s) of conservation easements held by the organization (check all that apply) <input type="checkbox"/> Preservation of land for public use (e g , recreation or education) <input type="checkbox"/> Preservation of an historically important land area <input type="checkbox"/> Protection of natural habitat <input type="checkbox"/> Preservation of a certified historic structure <input type="checkbox"/> 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?				<input type="checkbox"/> Yes <input type="checkbox"/> No
6	Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ►				
7	Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ► \$				
8	Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)?				<input type="checkbox"/> Yes <input type="checkbox"/> 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" on Form 990, Part IV, line 8.					
1a	If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items				
b	If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items				
(i) Revenue included on Form 990, Part VIII, line 1		► \$			
(ii) Assets included in Form 990, Part X		► \$			
2	If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items				
a	Revenue included on Form 990, Part VIII, line 1				► \$
b	Assets included in Form 990, Part X				► \$
For Paperwork Reduction Act Notice, see the Instructions for Form 990.					
			Cat No 52283D	Schedule D (Form 990) 2017	

Part III

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

3

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

a

☒ Public exhibition

b

☒ Scholarly research

c

☒ Preservation for future generations

d

☒ Loan or exchange programs

e

☐ Other

4

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

5

During the year, did the organization solicit or receive donations of art, historical treasures or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection?

☐ Yes☒ No

Part IV

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

1a

Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X?

☐ Yes☒ No

b

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

c

Beginning balance

d

Additions during the year

e

Distributions during the year

f

Ending balance

	Amount
1c	
1d	
1e	
1f	

2a

Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability?

☒ Yes☐ No

b

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

☒

Part V

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

	(a)Current year	(b)Prior year	(c)Two years back	(d)Three years back	(e)Four years back
1a Beginning of year balance	3,744,751,000	3,306,987,000	3,326,932,000	3,392,529,000	2,918,546,000
b Contributions	298,290,000	230,445,000	155,525,000	83,295,000	121,246,000
c Net investment earnings, gains, and losses	330,965,000	405,542,000	-17,203,000	2,129,000	487,871,000
d Grants or scholarships	29,754,000	27,683,000	25,984,000	24,474,000	23,296,000
e Other expenditures for facilities and programs	118,923,000	137,656,000	101,698,000	97,529,000	92,206,000
f Administrative expenses	34,809,000	32,884,000	30,585,000	29,018,000	19,632,000
g End of year balance	4,190,520,000	3,744,751,000	3,306,987,000	3,326,932,000	3,392,529,000

2

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

a

Board designated or quasi-endowment

22 900 %

b

Permanent endowment

56 300 %

c

Temporarily restricted endowment

20 800 %

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

3a

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

(i) unrelated organizations

3a(i)

Yes

No

(ii) related organizations

3a(ii)

No

No

b

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

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land		115,815,000		115,815,000
b Buildings		3,352,550,580	1,880,333,000	1,472,217,580
c Leasehold improvements		97,865,420	72,253,000	25,612,420
d Equipment		1,133,838,000	901,905,000	231,933,000
e Other		475,355,000	194,020,000	281,335,000
Total. Add lines 1a through 1e (Column (d) must equal Form 990, Part X, column (B), line 10(c))				2,126,913,000

Schedule D (Form 990) 2017

Part VII

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

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests		
(3) Other _____		
(A) CASH AND EQUIVALENTS	2,354,000	F
(B) PRIVATE EQUITY AND VENTURE CAPITAL	792,624,000	F
(C) REAL PROPERTY ASSETS	751,624,000	F
(D) ABSOLUTE RETURN FUNDS	1,350,430,000	F
(E) INVESTMENTS IN AFFILIATES	212,755,000	F
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col (B) line 12) ▶	3,109,787,000	

Part VIII

Investments—Program Related.
Complete if the organization answered 'Yes' on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

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

Part IX

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

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

Part X

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

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	
PENSION & POST-RETIREMENT OBLIGATIONS	100,717,000
SWAP - MARKET VALUE ADJUSTMENT	16,138,000
DEFERRED COMPENSATION LIABILITIES	128,541,000
MCIC MEDICAL MALPRACTICE LIABILITY	112,850,000
GOVERNMENT LOAN FUND ADVANCES	22,682,000
OTHER LIABILITIES	26,356,000
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col (B) line 25) ▶	407,284,000

2. Liability for uncertain tax positions In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740) Check here if the text of the footnote has been provided in Part XIII

☒

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

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

Part XIII Supplemental Information

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

Return Reference	Explanation
See Additional Data Table	
	Schedule D (Form 990) 2017

Part XIII Supplemental Information *(continued)*

Return Reference	Explanation

Additional Data

Software ID:
Software Version:
EIN: 52-0595110
Name: JOHNS HOPKINS UNIVERSITY

Supplemental Information

Return Reference	Explanation
PART III, LINE 1A	CONTRIBUTIONS OF WORKS OF ART, HISTORICAL TREASURES AND SIMILAR ASSETS HELD AS PART OF COLLECTIONS ARE NOT RECOGNIZED OR CAPITALIZED

Supplemental Information

Return Reference	Explanation
PART III, LINE 4	<p>THE SHERIDAN LIBRARIES' SPECIAL COLLECTIONS INCLUDE 400,000 RARE BOOKS AND PAMPHLETS AND MORE THAN 10,000 LINEAR FEET OF ARCHIVAL AND MANUSCRIPT MATERIAL THE COLLECTION IS PARTICULARLY STRONG IN EARLY MAPS AND ATLASES, INCUNABLES (BOOKS FROM THE FIRST 50 YEARS OF PRINTING), TRAVEL LITERATURE, ARCHITECTURAL HISTORY, EARLY MODERN WORKS FOCUSING ON NATURAL HISTORY AND WUNDERKAMMERN (CABINETS OF CURIOSITY), THE COUNTER REFORMATION, ARTISTS' BOOKS, NINETEENTH CENTURY BALTIMORE IMPRINTS, H L MENCKEN, EZRA POUND, GERTRUDE STEIN, CLASSICS IN ECONOMIC HISTORY, 19TH AND 20TH CENTURY AVANT GARD AND PROTEST MOVEMENTS, FAKES AND FORGERIES, AND THE HISTORY OF SCIENCE AND TECHNOLOGY THE ARTHUR FRIEDHEIM LIBRARY AT THE PEABODY INSTITUTE CONTAINS RARE BOOKS, SCORES, AND MANUSCRIPTS FROM AS EARLY AS THE 17TH CENTURY HIGHLIGHTS INCLUDE BEETHOVEN'S MANUSCRIPT FOR "DA IST DAS WERK" (WOO 197), MUSIC AND CORRESPONDENCE WITH DIRECT LINKS TO BALTIMORE, AND LETTERS PENNED BY MENDELSSOHN, LISZT, LANDOWSKA, BLOCH, GRIEG, DICKENS, AND EMERSON THE ARCHIVES OF THE LIBRARY HOLDS THE HISTORICAL RECORDS OF THE INSTITUTE DATING TO ITS FOUNDING IN 1857 AS WELL AS MORE THAN 200 SPECIAL COLLECTIONS RELATED TO MUSIC AND BALTIMORE HISTORY, INCLUDING RARE MATERIALS ON ROSA PONSELLE, ENRICO CARUSO, PHYLLIS BRYN-JULSON, LEON FLEISHER, CHARLIE BYRD, AND JOHN PENDLET ON KENNEDY THE PEABODY ARCHIVES, THE WILLIAM F LUCAS & FAMILY PAPERS, THE PHYLLIS BRYN-J ULSON COLLECTION, THE ANDREW S POPE COLLECTION AND THE CHARLIE BYRD COLLECTION ARE ALL NOW USED AT THE PEABODY INSTITUTE OF THE JOHNS HOPKINS UNIVERSITY THE UNIVERSITY'S EVERGREEN MUSEUM AND LIBRARY HAS FIVE LIBRARY SPACES THAT, TOGETHER, FORM THE JOHN WORK GARRETT LIBRARY OF THE UNIVERSITY'S SHERIDAN LIBRARIES AND CONTAINS COLLECTIONS OF RARE BOOKS, LITERARY WORKS, EARLY MANUSCRIPTS, PAINTINGS, DRAWINGS, ARTIFACTS AND ONE OF THE LARGEST PRIVATE COLLECTIONS OF INCUNABULA IN THE UNITED STATES (BOOKS PRINTED PRIOR TO 1501) THE APPROXIMATELY THIRTY PERIOD ROOMS CONTAIN FINE AND DECORATIVE ARTS REPRESENTING CIVIL WAR-ERA ROCOCO AND RENAISSANCE REVIVALS THROUGH TO THE 20TH CENTURY'S COLONIAL, ARTS & CRAFTS, AND EUROPEAN-BORN MODERNIST MOVEMENTS, THE ONLY EXTANT PRIVATE THEATRE IN BALTIMORE AND TWO ADDITIONAL INTERIORS DESIGNED BY BALLET RUSSES' TASTEMAKER AND CELEBRATED MODERNIST ARTIST LON BAKST (1866-1924) THE UNIVERSITY'S HOMEWOOD MUSEUM, THE ONE-TIME COUNTRY HOME OF CHARLES CARROLL OF HOMEWOOD (1775-1825) AND HIS WIFE HARRIET CHEW CARROLL (1775-1861) HOUSES A DISTINGUISHED PERMANENT COLLECTION OF 19TH CENTURY FURNISHINGS AND DECORATIVE ARTS THE MAJORITY OF THE COLLECTION IS AMERICAN, WITH A STRONG CONCENTRATION IN HIGH-QUALITY BALTIMORE FURNITURE OF THE PERIOD ENGLISH CERAMICS, SILVER, AND FURNITURE, AS WELL AS ITEMS OF CHINESE AND FRENCH MANUFACTURE, ARE REFLECTIVE OF THE IMPORTS AVAILABLE IN EARLY-19TH CENTURY BALTIMORE THE UNIVERSITY MAINTAINS OTHER SPECIALIZED COLLECTIONS IN MEDICINE, INTERNATIONAL AFFAIRS, MUSIC, AND EARTH AND</p>

Supplemental Information

Return Reference	Explanation
PART III, LINE 4	ND SPACE SCIENCE THAT ARE LOCATED ACROSS ITS CAMPUSES THE COLLECTIONS THAT HAVE BEEN DESCRIBED PROVIDE CULTURAL VALUE AND INVALUABLE RESOURCES TO BE USED FOR EDUCATION, RESEARCH, AND TEACHING WITHIN THE JOHNS HOPKINS UNIVERSITY COMMUNITY AS WELL AS ITS SURROUNDING ENVIRONMENT

Supplemental Information

Return Reference	Explanation
PART IV, LINE 2B	THE UNIVERSITY HAS ENTERED INTO SEPARATE AGREEMENTS WITH THE JOHNS HOPKINS HOSPITAL ENDOWMENT FUND, INC (JHHEFI),THE EVERGREEN HOUSE FOUNDATION (EHF) AND THE ROBERT GARRETT FUND FOR SURGICAL TREATMENT OF CHILDREN (GARRETT) WHEREBY THOSE ENTITIES TRANSFERRED FUNDS TO THE UNIVERSITY TO INVEST IN THE UNIVERSITY'S ENDOWMENT INVESTMENT POOL (EIP), THE UNIVERSITY MANAGES THESE ASSETS ON THEIR BEHALF THE FUNDS ARE INVESTED WITH OTHER UNIVERSITY ASSETS IN THE UNIVERSITY'S NAME AND TITLE, AND IN ACCORDANCE WITH THE UNIVERSITY'S EIP INVESTMENT POLICIES AND OBJECTIVES JHHEFI, EHF, AND GARRETT RECEIVE PAYOUTS AND MAY REQUEST WITHDRAWALS AS SPECIFIED IN THE AGREEMENTS THE ASSETS ARE INCLUDED IN INVESTMENTS ON THE BALANCE SHEET

Supplemental Information

Return Reference	Explanation
PART V, LINE 4	THE INTENDED USE OF THE UNIVERSITY'S ENDOWMENT FUNDS INCLUDE FACULTY SUPPORT, RESEARCH & INSTRUCTION, SCHOLARSHIP SUPPORT AND PROGRAM SUPPORT THE UNIVERSITY HAS ADOPTED INVESTMENT POLICIES FOR ITS ENDOWMENT, INCLUDING BOARD-DESIGNATED FUNDS, THAT ATTEMPT TO PROVIDE A PREDICTABLE STREAM OF FUNDING IN SUPPORT OF THE OPERATING BUDGET, WHILE SEEKING TO PRESERVE THE REAL VALUE OF THE ENDOWMENT ASSETS OVER TIME THE UNIVERSITY RELIES ON A TOTAL RETURN STRATEGY UNDER WHICH INVESTMENT RETURNS ARE ACHIEVED THROUGH BOTH APPRECIATION (REALIZED AND UNREALIZED) AND YIELD (INTEREST AND DIVIDENDS)

Supplemental Information	
Return Reference	Explanation
PART X, LINE 2	THE UNIVERSITY ANNUALLY REVIEWS ITS TAX POSITIONS AND HAS DETERMINED THAT THERE ARE NO MATERIAL UNCERTAIN TAX POSITIONS THAT REQUIRE RECOGNITION IN THE CONSOLIDATED FINANCIAL STATEMENTS

Supplemental Information	
Return Reference	Explanation
PART XI, LINE 4B - OTHER ADJUSTMENTS	LOSS ON DISPOSAL OF OTHER ASSETS -1,805,000 STUDENT AID 333,558,000 JOINT VENTURE- NON-OPERATING INCOME -2,506,000

Supplemental Information	
Return Reference	Explanation
PART XII, LINE 4B - OTHER ADJUSTMENTS	FINANCIAL AID, NETTED IN TUITION 333,558,000 LOSS ON DISPOSAL OF OTHER ASSETS -1,805,000 OTHER FIN-47 ASSET RETIREMENT OBLIGATIONS -89,000 OTHER NET PERIODIC BENEFIT COSTS 321,000 APL VEBA TRUST TRANSFER -4,283,000 OTHER MISC -30,000

Supplemental Information

Return Reference	Explanation
SCHEDULE D, PART XI, LINE 1	RECONCILIATION OF TOTAL REVENUE PER AUDITED FINANCIAL STATEMENTS TOTAL OPERATING REVENUES \$6,020,976,000 NON-OPERATING CONTRIBUTIONS 383,068,000 NON-OPERATING INVESTMENT RETURN 160,562,000 NON-OPERATING OTHER INCOME 19,229,000 NET ASSETS RELEASED FROM RESTRICTIONS (94,317,000) ----- TOTAL REVENUE [PART XI,LINE 1] \$6,489,518,000

Supplemental Information	
Return Reference	Explanation
SCHEDULE D, PART XII, LINE 1	RECONCILIATION OF TOTAL EXPENSES PER AUDITED FINANCIAL STATEMENTS TOTAL OPERATING EXPENSES \$5,875,239,000 ----- TOTAL EXPENSES [PART XII, LINE 1] \$5,875,239,000

SCHEDULE E (Form 990 or 990-EZ)	Schools ▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 13, or Form 990-EZ, Part VI, line 48. ▶ Attach to Form 990 or Form 990-EZ. ▶ Information about Schedule E (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.	OMB No 1545-0047
		2017
	Department of the Treasury Name of the organization JOHNS HOPKINS UNIVERSITY	Employer identification number 52-0595110

Part I		YES	NO
1	Does the organization have a racially nondiscriminatory policy toward students by statement in its charter, bylaws, other governing instrument, or in a resolution of its governing body?	Yes	
2	Does the organization include a statement of its racially nondiscriminatory policy toward students in all its brochures, catalogues, and other written communications with the public dealing with student admissions, programs, and scholarships?	Yes	
3	Has the organization publicized its racially nondiscriminatory policy through newspaper or broadcast media during the period of solicitation for students, or during the registration period if it has no solicitation program, in a way that makes the policy known to all parts of the general community it serves? If "Yes," please describe If "No," please explain If you need more space use Part II	Yes	
4	Does the organization maintain the following?		
a	Records indicating the racial composition of the student body, faculty, and administrative staff?	Yes	
b	Records documenting that scholarships and other financial assistance are awarded on a racially nondiscriminatory basis?	Yes	
c	Copies of all catalogues, brochures, announcements, and other written communications to the public dealing with student admissions, programs, and scholarships?	Yes	
d	Copies of all material used by the organization or on its behalf to solicit contributions? If you answered "No" to any of the above, please explain If you need more space, use Part II	Yes	
5	Does the organization discriminate by race in any way with respect to		
a	Students' rights or privileges?		No
b	Admissions policies?		No
c	Employment of faculty or administrative staff?		No
d	Scholarships or other financial assistance?		No
e	Educational policies?		No
f	Use of facilities?		No
g	Athletic programs?		No
h	Other extracurricular activities? If you answered "Yes" to any of the above, please explain If you need more space, use Part II		No
6a	Does the organization receive any financial aid or assistance from a governmental agency?	Yes	
b	Has the organization's right to such aid ever been revoked or suspended? If you answered "Yes" to either line 6a or line 6b, explain on Part II		No
7	Does the organization certify that it has complied with the applicable requirements of sections 4 01 through 4 05 of Rev Proc 75-50, 1975-2 C B 587, covering racial nondiscrimination? If "No," explain on Part II	Yes	

Part II Supplemental Information. Provide the explanations required by Part I, lines 3, 4d, 5h, 6b, and 7, as applicable. Also provide any other additional information (see instructions).

Return Reference	Explanation
SCHEDULE E, PART I, LINE 3	THE UNIVERSITY DRAWS A SUBSTANTIAL PERCENTAGE OF ITS STUDENTS NATIONWIDE AND WORLDWIDE AND MEETS THE CRITERIA OF SECTION 4 03 2(B) OF REVENUE PROCEDURE 75-50. THE UNIVERSITY FOLLOWS A RACIALLY NONDISCRIMINATORY POLICY AND PUBLISHES ITS RACIALLY NONDISCRIMINATORY POLICY ON THE UNIVERSITY WEBSITE, IN EACH SCHOOL'S COURSE CATALOG AND IN UNIVERSITY BROCHURES.
SCHEDULE E, PART I, LINE 6	THE JOHNS HOPKINS UNIVERSITY RECEIVES NUMEROUS RESEARCH GRANTS AND CONTRACTS FROM VARIOUS GOVERNMENTAL AGENCIES AS WELL AS FUNDS FOR STUDENT AID.

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

OMB No 1545-0047

2017

Open to Public Inspection

Name of the organization

JOHNS HOPKINS UNIVERSITY

Employer identification number

52-0595110

Part I

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

1

For grantmakers. Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance?

☒ Yes
 ☐ No

2

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

3

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

(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
(1) See Add'l Data					
(2)					
(3)					
(4)					
(5)					
3a Sub-total	18	311			1,022,337,002
b Total from continuation sheets to Part I					486,298,722
c Totals (add lines 3a and 3b)	211	6,621			1,508,635,724

For Paperwork Reduction Act Notice, see the Instructions for Form 990.
 Cat No 50082W
 Schedule F (Form 990) 2017

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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
(1)	See Add'l Data								
(2)									
(3)									
(4)									
(5)								Schedule F (Form 990) 2017	
(6)									
(7)									
(8)									
(9)									
(10)									
(11)									
(12)									
(13)									
(14)									
(15)									
(16)									

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

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)
(1) See Add'l Data							
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							
(11)							
(12)							
(13)							
(14)							
(15)							
(16)							
(17)							
(18)							

Part IV Foreign Forms

- 1 Was the organization a U S transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926, Return by a U S Transferor of Property to a Foreign Corporation (see Instructions for Form 926)* ☒ Yes ☐ No
- 2 Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to separately file Form 3520, Annual Return to Report Transactions with Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U S Owner (see Instructions for Forms 3520 and 3520-A, do not file with Form 990)* ☐ Yes ☒ No
- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U S Persons with Respect to Certain Foreign Corporations (see Instructions for Form 5471)* ☒ Yes ☐ No
- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621)* ☒ Yes ☐ No
- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U S Persons with Respect to Certain Foreign Partnerships (see Instructions for Form 8865)* ☒ Yes ☐ No
- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see Instructions for Form 5713, do not file with Form 990)* ☒ Yes ☐ No

Part V **Supplemental Information**

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

Return Reference	Explanation
PART I, LINE 2	THE UNIVERSITY REQUIRES THAT WHEN APPROVING INVOICE PAYMENTS TO SUBRECIPIENTS OF GRANTS AWARDED TO THE UNIVERSITY, THE VALIDITY OF EXPENSES MUST BE VERIFIED ALONG WITH THE ACHIEVEMENT OF SCIENTIFIC AND TECHNICAL PROGRESS BY THE PRINCIPAL INVESTIGATOR OR HIS/HER DESIGNEE ON THE INVOICE APPROVING THE PAYMENT SUBRECIPIENT INVOICES SHOULD INCLUDE INFORMATION THAT CONFORMS TO THE ADMINISTRATIVE REQUIREMENTS PRESCRIBED IN 2 CFR 200, AS APPLICABLE SUBRECIPIENTS EXEMPT 2 CFR 200 SINGLE AUDIT REQUIREMENTS ARE REQUIRED TO MAKE THEIR FINANCIAL RECORDS AVAILABLE FOR REVIEW OR AUDIT BY THE FEDERAL AGENCIES OR PASS-THROUGH ENTITIES AS REQUESTED, UNDER THE TERMS AND CONDITIONS OF THEIR AGREEMENT

Return Reference	Explanation
PART I, LINE 3	<p>THE FORM 990 IS BASED ON FINANCIAL STATEMENTS THAT ARE PREPARED USING AN ACCRUAL ACCOUNTING METHOD. TO IDENTIFY EXPENDITURES FOR FOREIGN ACTIVITIES, THE UNIVERSITY ADDED REPORTING ATTRIBUTES TO THE COST OBJECTS (OR ACCOUNTS) WHERE EXPENSE ACTIVITY IS RECORDED IN ORDER TO IDENTIFY THE IRS REGION AND ACTIVITY TYPE FOR EACH COST OBJECT. THE EXPENSES REPORTED ARE THE DIRECT EXPENSES FOR ACTIVITIES CONDUCTED IN THE REGION BASED ON THE ACCOUNTING RECORDS INCLUDING TRAVEL DIRECTLY CHARGED TO THE ACTIVITIES. FOR THE 2017 FORM 990, SCHEDULE F, PART I, THE UNIVERSITY IDENTIFIED CERTAIN BUSINESS TRAVEL BETWEEN THE U.S. AND FOREIGN REGIONS. THE AMOUNTS AVAILABLE FROM THE ACCOUNTING RECORDS ARE IDENTIFIED ON LINE 3 AS "BUSINESS TRAVEL" AND INCLUDE EXPENSES FOR EMPLOYEES TO ATTEND AND SPEAK AT SEMINARS AND CONFERENCES IN OTHER COUNTRIES AS WELL AS EXPENSES FOR TRAVEL RELATED TO PROGRAM SERVICE ACTIVITIES. TRAVEL EXPENSES WHICH WERE DIRECT EXPENSES FOR PROGRAM SERVICES OR FUNDRAISING ACTIVITIES CONDUCTED IN REGIONS ARE INCLUDED IN THE AMOUNT REPORTED FOR PROGRAM SERVICE AND FUNDRAISING EXPENDITURES BY REGION.</p>

Return Reference	Explanation
PART III, COL (C)	N/A

Return Reference	Explanation
SCHEDULE F, PART I GENERAL INFORMATION ON ACTIVITIES OUTSIDE THE U S	THE UNIVERSITY'S SCHOOL OF ADVANCED INTERNATIONAL STUDIES OFFERS GRADUATE EDUCATION IN 3 PRIMARY LOCATIONS WASHINGTON, D C, BOLOGNA, ITALY AND NANJING, CHINA FOR SCHEDULE F REPORTING, FINANCIAL AID FOR STUDENTS ATTENDING SCHOOL AT THE BOLOGNA OR NANJING LOCATIONS ARE REPORTED BY REGION

Additional Data

Software ID:

Software Version:

EIN: 52-0595110

Name: JOHNS HOPKINS UNIVERSITY

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

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
CENTRAL AMERICA AND THE CARIBBEAN	1	16	PROGRAM SERVICES AND GRANTS	INSTRUCTION & SPONSORED RESEARCH	15,260,431
CENTRAL AMERICA AND THE CARIBBEAN			BUSINESS TRAVEL	N/A	514,699

Form 990 Schedule F Part I - Activities Outside The United States					
(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
CENTRAL AMERICA AND THE CARIBBEAN			INVESTMENTS	N/A	976,511,306
EAST ASIA AND THE PACIFIC			STUDENT LOANS	N/A	3,010,102

Form 990 Schedule F Part I - Activities Outside The United States					
(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
EAST ASIA AND THE PACIFIC	17	295	PROGRAM SERVICES AND GRANTS	INSTRUCTION & SPONSORED RESEARCH	20,589,473
EAST ASIA AND THE PACIFIC			PROGRAM SERVICES	GENERAL SERVICES & ADMINISTRATION	1,000,254

Form 990 Schedule F Part I - Activities Outside The United States					
(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
EAST ASIA AND THE PACIFIC			PROGRAM SERVICES	PLANT OPERATIONS & MAINTENANCE	915,130
EAST ASIA AND THE PACIFIC			BUSINESS TRAVEL	N/A	4,535,607

Form 990 Schedule F Part I - Activities Outside The United States					
(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
EAST ASIA AND THE PACIFIC			PROGRAM SERVICES	STUDENT SERVICES	20,000
EUROPE (INCLUDING ICELAND & GREENLAND)			STUDENT LOANS	N/A	717,432

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

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
EUROPE (INCLUDING ICELAND & GREENLAND)	4	82	PROGRAM SERVICES AND GRANTS	INSTRUCTION & SPONSORED RESEARCH	10,306,261
EUROPE (INCLUDING ICELAND & GREENLAND)			PROGRAM SERVICES	GENERAL SERVICES & ADMINISTRATION	2,955,831

Form 990 Schedule F Part I - Activities Outside The United States					
(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
EUROPE (INCLUDING ICELAND & GREENLAND)			PROGRAM SERVICES	STUDENT SERVICES	1,071,998
EUROPE (INCLUDING ICELAND & GREENLAND)			PROGRAM SERVICES	LIBRARIES	512,577

Form 990 Schedule F Part I - Activities Outside The United States					
(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
EUROPE (INCLUDING ICELAND & GREENLAND)			PROGRAM SERVICES	PLANT OPERATIONS & MAINTENANCE	1,244,253
EUROPE (INCLUDING ICELAND & GREENLAND)			PROGRAM SERVICES	STUDENT AID	40,450

Form 990 Schedule F Part I - Activities Outside The United States					
(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
EUROPE (INCLUDING ICELAND & GREENLAND)			FUNDRAISING	GENERAL SERVICES & ADMINISTRATION	237,387
EUROPE (INCLUDING ICELAND & GREENLAND)			BUSINESS TRAVEL	N/A	5,889,112

Form 990 Schedule F Part I - Activities Outside The United States					
(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
EUROPE (INCLUDING ICELAND & GREENLAND)			INVESTMENTS	N/A	76,243,532
MIDDLE EAST AND NORTH AFRICA		15	PROGRAM SERVICES AND GRANTS	INSTRUCTION & SPONSORED RESEARCH	3,243,960

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

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
MIDDLE EAST AND NORTH AFRICA			BUSINESS TRAVEL	N/A	495,615
NORTH AMERICA		3	PROGRAM SERVICES AND GRANTS	INSTRUCTION & SPONSORED RESEARCH	1,825,079

Form 990 Schedule F Part I - Activities Outside The United States					
(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i e , fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
NORTH AMERICA			BUSINESS TRAVEL	N/A	947,151
RUSSIA AND NEIGHBORING STATES		3	PROGRAM SERVICES AND GRANTS	INSTRUCTION & SPONSORED RESEARCH	218,757

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

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
RUSSIA AND NEIGHBORING STATES			BUSINESS TRAVEL	N/A	79,202
SOUTH AMERICA	1	14	PROGRAM SERVICES AND GRANTS	INSTRUCTION & SPONSORED RESEARCH	2,766,425

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

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i e , fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
SOUTH AMERICA			BUSINESS TRAVEL	N/A	849,044
SOUTH ASIA	28	1,630	PROGRAM SERVICES AND GRANTS	INSTRUCTION & SPONSORED RESEARCH	46,036,841

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

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
SOUTH ASIA			PROGRAM SERVICES	GENERAL SERVICES & ADMINISTRATION	658,834
SOUTH ASIA			BUSINESS TRAVEL	N/A	2,224,587

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

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
SUB-SAHARAN AFRICA	160	4,563	PROGRAM SERVICES AND GRANTS	INSTRUCTION & SPONSORED RESEARCH	277,476,602
SUB-SAHARAN AFRICA			PROGRAM SERVICES	GENERAL SERVICES & ADMINISTRATION	20,607

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

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i e , fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
SUB-SAHARAN AFRICA			BUSINESS TRAVEL	N/A	8,813,366
SUB-SAHARAN AFRICA			INVESTMENTS	N/A	41,403,819

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	222,229	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	145,656	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	142,911	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	43,307	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	35,457	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	9,496	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	514,052	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	487,769	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	423,750	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	373,929	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	332,406	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	288,606	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	259,501	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	242,299	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	235,627	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	168,683	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	150,071	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	145,834	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	140,444	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	129,943	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	95,331	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	88,801	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	88,064	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	82,597	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	78,684	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	75,704	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	69,822	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	65,451	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	52,042	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	49,671	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	48,838	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	32,656	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	31,608	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	29,878	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	24,417	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	18,867	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	11,412	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	7,352	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	679,103	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	544,767	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	482,821	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	371,386	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	258,723	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	194,595	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	183,022	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	140,148	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	139,141	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	126,198	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	101,584	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	100,000	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	90,837	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	80,541	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	79,370	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	71,319	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	68,354	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	60,000	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	58,182	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	43,509	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	42,901	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	42,452	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	40,104	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	39,579	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	37,964	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	30,000	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	20,159	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	16,519	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	13,391	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	11,594	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	7,560	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	7,310	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	506,096	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	322,048	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	124,162	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	71,842	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	67,607	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	1,127,455	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	418,048	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	368,977	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	330,163	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	290,966	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	274,305	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	238,671	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	199,046	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	174,408	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	166,745	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	160,923	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	153,490	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	133,129	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	121,998	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	113,156	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	108,507	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	83,997	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	82,862	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	75,000	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	75,000	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	72,888	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	64,279	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	63,591	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	58,686	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	57,820	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	56,152	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	55,118	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	53,357	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	52,175	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	48,600	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	40,062	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	36,032	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	28,476	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	26,791	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	25,593	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	25,244	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	23,674	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	18,078	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	17,400	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	15,165	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	14,478	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	14,332	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	14,006	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	13,729	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	13,495	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	12,107	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	11,945	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	11,837	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	11,729	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	10,017	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	6,448	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	28,945	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	7,013	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	722,613	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	23,271	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		MIDDLE EAST AND NORTH AFRICA	SPONSORED RESEARCH - SUB AWARD	391,257	WIRE TRANSFER		N/A	N/A
		MIDDLE EAST AND NORTH AFRICA	SPONSORED RESEARCH - SUB AWARD	230,597	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		MIDDLE EAST AND NORTH AFRICA	SPONSORED RESEARCH - SUB AWARD	27,999	WIRE TRANSFER		N/A	N/A
		MIDDLE EAST AND NORTH AFRICA	SPONSORED RESEARCH - SUB AWARD	21,461	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		MIDDLE EAST AND NORTH AFRICA	SPONSORED RESEARCH - SUB AWARD	8,948	WIRE TRANSFER		N/A	N/A
		MIDDLE EAST AND NORTH AFRICA	SPONSORED RESEARCH - SUB AWARD	5,980	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		MIDDLE EAST AND NORTH AFRICA	SPONSORED RESEARCH - SUB AWARD	127,582	WIRE TRANSFER		N/A	N/A
		MIDDLE EAST AND NORTH AFRICA	SPONSORED RESEARCH - SUB AWARD	60,525	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	496,830	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	37,744	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	10,548	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	405,242	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	129,854	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	108,939	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	96,375	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	68,569	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	65,212	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	58,638	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	49,506	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	47,449	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	45,330	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	44,000	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	22,788	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	15,965	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	13,148	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	12,000	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	11,977	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	10,000	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	6,000	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	315,992	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	341,528	WIRE TRANSFER		N/A	N/A
		RUSSIA AND NEIGHBORING STATES	SPONSORED RESEARCH - SUB AWARD	146,827	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		RUSSIA AND NEIGHBORING STATES	SPONSORED RESEARCH - SUB AWARD	25,858	WIRE TRANSFER		N/A	N/A
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	1,325,701	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	471,807	WIRE TRANSFER		N/A	N/A
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	110,198	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	81,181	WIRE TRANSFER		N/A	N/A
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	80,644	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	69,801	WIRE TRANSFER		N/A	N/A
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	57,877	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	40,434	WIRE TRANSFER		N/A	N/A
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	34,046	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	18,770	WIRE TRANSFER		N/A	N/A
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	9,860	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	1,249,320	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	899,089	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	829,913	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	713,756	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	637,224	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	613,160	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	558,375	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	408,807	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	390,100	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	354,719	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	332,638	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	317,534	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	300,000	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	294,126	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	272,323	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	250,074	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	229,002	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	201,307	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	194,692	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	127,706	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	102,000	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	93,552	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	80,885	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	71,863	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	55,913	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	51,996	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	44,683	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	20,866	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	19,800	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	11,092	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	10,000	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	484,529	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	219,920	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	109,000	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	85,380	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	75,080	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	60,862	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	54,579	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	49,075	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	42,142	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	41,442	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	37,770	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	32,508	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	24,842	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	20,000	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	7,860	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	53,853	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	408,256	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	5,429,454	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	3,076,269	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	2,232,729	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,938,868	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,868,122	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,802,134	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,656,693	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,566,296	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,545,865	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,507,715	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,392,699	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,338,170	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,160,699	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,086,292	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	981,160	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	895,794	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	884,332	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	652,827	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	602,279	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	559,854	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	558,046	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	539,220	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	417,312	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	416,037	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	397,856	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	396,815	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	391,571	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	386,877	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	359,965	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	336,661	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	298,972	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	289,144	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	283,561	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	269,329	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	269,254	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	245,592	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	244,999	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	244,799	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	224,681	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	213,323	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	211,739	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	208,683	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	202,144	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	184,867	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	181,070	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	174,286	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	173,118	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	152,351	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	150,914	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	147,013	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	146,827	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	145,452	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	136,333	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	135,040	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	133,239	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	121,804	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	110,160	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	109,367	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	106,373	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	103,954	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	99,000	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	97,288	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	96,469	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	95,294	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	91,651	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	91,269	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	82,884	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	68,098	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	58,565	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	58,439	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	57,077	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	55,943	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	54,494	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	53,636	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	44,980	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	44,511	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	40,000	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	38,148	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	37,341	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	33,765	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	32,400	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	32,238	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	30,855	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	30,611	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	27,659	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	25,080	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	23,353	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	22,014	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	21,981	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	21,458	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	18,694	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	16,200	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	14,665	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	12,630	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	11,100	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	10,000	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	9,125	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	7,750	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,509,210	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	776,914	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	667,017	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	518,924	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	424,116	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	335,440	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	312,262	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	310,290	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	238,180	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	234,298	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	230,980	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	229,365	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	220,134	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	218,960	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	216,467	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	216,017	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	211,969	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	211,905	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	209,774	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	206,679	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	199,100	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	193,436	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	192,354	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	184,907	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	170,877	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	169,831	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	150,000	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	145,995	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	144,410	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	139,828	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	133,513	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	129,883	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	126,202	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	125,257	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	124,207	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	123,099	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	122,054	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	119,136	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	114,683	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	112,071	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	107,469	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	102,390	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	101,894	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	95,343	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	93,790	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	92,540	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	91,931	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	89,434	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	88,917	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	83,379	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	83,375	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	81,312	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	79,805	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	76,298	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	75,343	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	75,035	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	73,846	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	72,427	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	72,021	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	69,565	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	68,039	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	67,048	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	64,906	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	64,207	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	63,782	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	61,010	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	59,217	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	59,167	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	57,479	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	57,315	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	56,740	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	54,693	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	53,598	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	48,260	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	45,460	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	43,369	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	42,193	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	42,095	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	40,750	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	40,582	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	40,377	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	38,911	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	38,855	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	38,794	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	38,016	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	37,013	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	36,946	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	36,880	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	35,308	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	33,554	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	32,624	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	31,535	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	29,656	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	29,124	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	29,004	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	28,632	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	26,882	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	26,098	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	25,790	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	25,720	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	24,233	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	22,490	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	20,887	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	19,259	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	19,040	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	18,082	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	17,826	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	16,324	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	15,671	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	15,572	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	15,115	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	15,111	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	15,034	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	14,075	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	13,884	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	11,546	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	11,221	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	10,801	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	10,505	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	9,838	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	9,643	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	9,554	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	9,490	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	9,353	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	9,206	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	8,719	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	8,695	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	8,327	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	8,197	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	7,760	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	7,753	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	7,417	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	7,254	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	7,170	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	7,096	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	6,893	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	6,883	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	6,781	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	6,779	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	6,772	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	6,674	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	6,663	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	6,535	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	6,528	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	6,443	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	5,695	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	5,450	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	5,442	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	5,376	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	5,100	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,410,349	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	155,500	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part II - Grants or Entities Outside The United States								
(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 non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	892,363	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S							
(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)
HONORARIA	EAST ASIA AND THE PACIFIC	20	30,300	WIRE TRANSFER		N/A	N/A
HONORARIA	EUROPE (INCLUDING ICELAND & GREENLAND)	62	66,195	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S							
(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)
HONORARIA	NORTH AMERICA	24	17,150	WIRE TRANSFER		N/A	N/A
HONORARIA	SOUTH ASIA	7	4,500	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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)
HONORARIA	SUB-SAHARAN AFRICA	1	500	WIRE TRANSFER		N/A	N/A
HONORARIA	MIDDLE EAST AND NORTH AFRICA	6	23,850	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S							
(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)
HONORARIA	RUSSIA AND NEIGHBORING STATES	3	2,640	WIRE TRANSFER		N/A	N/A
HONORARIA	SOUTH AMERICA	9	13,800	WIRE TRANSFER		N/A	N/A

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S							
(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)
SCHOLARSHIPS	EUROPE (INCLUDING ICELAND & GREENLAND)	52	951,265	CREDIT TO STUDENT A/R		N/A	N/A
SCHOLARSHIPS	EAST ASIA AND THE PACIFIC	70	1,251,924	CREDIT TO STUDENT A/R		N/A	N/A

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As Filed Data -

DLN: 93493134074489

SCHEDULE G
(Form 990 or 990-EZ)

Supplemental Information Regarding
Fundraising or Gaming Activities

Complete if the organization answered "Yes" on Form 990, Part IV, lines 17, 18, or 19, or if the organization entered more than \$15,000 on Form 990-EZ, line 6a
▶ Attach to Form 990 or Form 990-EZ.
▶ Information about Schedule G (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047

2017

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

Name of the organization
JOHNS HOPKINS UNIVERSITY

Employer identification number
52-0595110

Part I Fundraising Activities

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

- 1 Indicate whether the organization raised funds through any of the following activities. Check all that apply.
- a ☒ Mail solicitations

e ☒ Solicitation of non-government grants

b ☒ Internet and email solicitations

f ☒ Solicitation of government grants

c ☒ Phone solicitations

g ☒ Special fundraising events

d ☒ In-person solicitations
- 2a Did the organization have a written or oral agreement with any individual (including officers, directors, trustees or key employees listed in Form 990, Part VII) or entity in connection with professional fundraising services? ☒ Yes ☐ No
- b If "Yes," list the ten highest paid individuals or entities (fundraisers) pursuant to agreements under which the fundraiser is to be compensated at least \$5,000 by the organization.

(i) Name and address of individual or entity (fundraiser)	(ii) Activity	(iii) Did fundraiser have custody or control of contributions?		(iv) Gross receipts from activity	(v) Amount paid to (or retained by) fundraiser listed in col (i)	(vi) Amount paid to (or retained by) organization
		Yes	No			
1 RUFFALO NOEL LEVITZ 1025 KIRKWOOD PARKWAY SW CEDAR RAPIDS, IA 524063018	TELEMARKETING SERVICES FOR ANNUAL GIVING PROGRAMS		No	1,024,465	764,318	260,147
2 THE WHELAN GROUP 315 W 36TH STREET NEW YORK, NY 10018	FUNDRAISING CONSULTANT		No	0	59,000	-59,000
3						
4						
5						
6						
7						
8						
9						
10						
Total ▶				1,024,465	823,318	201,147

- 3 List all states in which the organization is registered or licensed to solicit contributions or has been notified it is exempt from registration or licensing.
- MD, AL, AK, AR, AZ, CA, CT, CO, DE, FL, GA, HI, ID, IL, IN, IA, KS, KY, LA, ME, MS, MO, MA, MI, MN, MT, NE, NV, NH, NM, NJ, NY, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, WY, DC

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

		(a) Event #1	(b) Event #2	(c) Other events	(d)
		PATERAKIS GOLF TOURNAMENT (event type)	CAMP SUNRISE GALA (event type)	11 (total number)	Total events (add col (a) through col (c))
Revenue	1 Gross receipts	279,000	237,000	1,293,000	1,809,000
	2 Less Contributions	236,000	228,000	1,028,000	1,492,000
	3 Gross income (line 1 minus line 2)	43,000	9,000	265,000	317,000
Direct Expenses	4 Cash prizes	0	0	6,000	6,000
	5 Noncash prizes	0	0	18,000	18,000
	6 Rent/facility costs	0	6,000	144,000	150,000
	7 Food and beverages	0	42,000	91,000	133,000
	8 Entertainment	0	1,000	9,000	10,000
	9 Other direct expenses	2,000	31,000	104,000	137,000
	10 Direct expense summary Add lines 4 through 9 in column (d) ▶				454,000
	11 Net income summary Subtract line 10 from line 3, column (d) ▶				-137,000

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

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

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

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

b If "No," explain _____

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

b If "Yes," explain _____

11 Does the organization conduct gaming activities with nonmembers?	<input type="checkbox"/> Yes <input type="checkbox"/> No						
12 Is the organization a grantor, beneficiary or trustee of a trust or a member of a partnership or other entity formed to administer charitable gaming?	<input type="checkbox"/> Yes <input type="checkbox"/> No						
13 Indicate the percentage of gaming activity conducted in:							
a The organization's facility	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 10%;">13a</td><td style="width: 80%;"></td><td style="width: 10%; text-align: right;">%</td></tr><tr><td>13b</td><td></td><td style="text-align: right;">%</td></tr></table>	13a		%	13b		%
13a		%					
13b		%					
b An outside facility							
14 Enter the name and address of the person who prepares the organization's gaming/special events books and records:							
Name ►							
Address ►							
15a Does the organization have a contract with a third party from whom the organization receives gaming revenue?	<input type="checkbox"/> Yes <input type="checkbox"/> No						
b If "Yes," enter the amount of gaming revenue received by the organization ► \$ and the amount of gaming revenue retained by the third party ► \$							
c If "Yes," enter name and address of the third party:							
Name ►							
Address ►							
16 Gaming manager information:							
Name ►							
Gaming manager compensation ► \$							
Description of services provided ►							
<input type="checkbox"/> Director/officer <input type="checkbox"/> Employee <input type="checkbox"/> Independent contractor							
17 Mandatory distributions:							
a Is the organization required under state law to make charitable distributions from the gaming proceeds to retain the state gaming license?							
<input type="checkbox"/> Yes <input type="checkbox"/> No							
b Enter the amount of distributions required under state law distributed to other exempt organizations or spent in the organization's own exempt activities during the tax year ► \$							

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

Return Reference	Explanation
SCHEDULE G, PART I, LINE 2B, COLUMN (V)	RUFFALO NOEL LEVITZ PROVIDES A TELEMARKETING SERVICE TO JHU IN WHICH THERE IS A STATED CONTRACT AMOUNT FOR THE FISCAL YEAR IN WHICH JHU AGREED TO MAKE EVEN QUARTERLY PAYMENTS FOR PROFESSIONAL FUNDRAISING SERVICES. OTHER FUNDRAISING EXPENSES ARE BILLED SEPARATELY DURING THE MONTH INCURRED. FOR FISCAL YEAR ENDED JUNE 30, 2018, THE UNIVERSITY PAID RUFFALO NOEL LEVITZ \$764,318 FOR PROFESSIONAL FUNDRAISING SERVICES, AND \$3,071 FOR OTHER FUNDRAISING EXPENSES, INCLUDING PRINTING, PAPER, POSTAGE. THE AGREEMENT AND ITEMIZED BILLS DISTINGUISH BETWEEN PAYMENTS FOR PROFESSIONAL FUNDRAISING SERVICES AND EXPENSE PAYMENTS OR REIMBURSEMENTS. THE WHELAN GROUP PROVIDES CONSULTING SERVICE TO JHU IN WHICH THERE IS A STATED CONTRACT AMOUNT FOR THE FISCAL YEAR IN WHICH JHU AGREED TO MAKE EVEN MONTHLY PAYMENTS FOR PROFESSIONAL FUNDRAISING SERVICES. OTHER FUNDRAISING EXPENSES ARE BILLED SEPARATELY DURING THE MONTH INCURRED. FOR FISCAL YEAR ENDED JUNE 30, 2018, THE UNIVERSITY PAID THE WHELAN GROUP \$59,000 FOR PROFESSIONAL FUNDRAISING SERVICES, AND \$3,375 FOR OTHER FUNDRAISING EXPENSES, INCLUDING SUPPLIES AND TRAVEL REIMBURSEMENTS. THE AGREEMENT AND ITEMIZED BILLS DISTINGUISH BETWEEN PAYMENTS FOR PROFESSIONAL FUNDRAISING SERVICES AND EXPENSE PAYMENTS OR REIMBURSEMENTS.

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Schedule I
(Form 990)

Grants and Other Assistance to Organizations,
Governments and Individuals in the United States
Complete if the organization answered "Yes," on Form 990, Part IV, line 21 or 22.
▶ Attach to Form 990.
▶ Information about Schedule I (Form 990) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047
2017
Open to Public
Inspection

Department of the
Treasury
Internal Revenue Service

Name of the organization
JOHNS HOPKINS UNIVERSITY

Employer identification number
52-0595110

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

(a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) See Additional Data							
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							
(11)							
(12)							

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table 433

3 Enter total number of other organizations listed in the line 1 table 318

Part III **Grants and Other Assistance to Domestic Individuals.** Complete if the organization answered "Yes" on Form 990, Part IV, line 22

Part III can be duplicated if additional space is needed

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of noncash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of noncash assistance
(1) FELLOWSHIPS	2249	30,375,853		N/A	N/A
(2) HONORARIA	2472	2,375,871		N/A	N/A
(3) ACADEMIC AWARDS	1601	2,525,452		N/A	N/A
(4) SCHOLARSHIPS	13136	331,402,111		N/A	N/A
(4)					
(5)					
(6)					
(7)					

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

Return Reference	Explanation
PART I, LINE 2	DESCRIBE ORGANIZATION'S PROCEDURES FOR MONITORING THE USE OF GRANT FUNDS IN THE U S THE UNIVERSITY REQUIRES THAT WHEN APPROVING INVOICE PAYMENTS TO SUBRECIPIENTS, THE VALIDITY OF EXPENSES MUST BE VERIFIED ALONG WITH THE ACHIEVEMENT OF SCIENTIFIC AND TECHNICAL PROGRESS BY THE PRINCIPAL INVESTIGATOR OR HIS/HER DESIGNEE THIS VERIFICATION INCLUDES SIGN OFF BY THE PRINCIPAL INVESTIGATOR OR HIS/HER DESIGNEE ON THE INVOICE APPROVING IT FOR PAYMENT SUBRECIPIENT INVOICES SHOULD INCLUDE INFORMATION THAT CONFORMS TO THE ADMINISTRATIVE REQUIREMENTS AS PRESCRIBED IN 2 CFR 200, AS APPLICABLE SUBRECIPIENTS EXEMPT FROM 2 CFR 200 AUDIT REQUIREMENTS ARE REQUIRED TO MAKE THEIR FINANCIAL RECORDS AVAILABLE FOR REVIEW OR AUDIT BY FEDERAL AGENCIES OR PASS-THRU ENTITIES AS REQUESTED, UNDER THE TERMS AND CONDITIONS OF THEIR AGREEMENT

Additional Data

Software ID:
Software Version:
EIN: 52-0595110
Name: JOHNS HOPKINS UNIVERSITY

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

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
2 CIRCLE INC 22099 THREE NOTCH ROAD LEXINGTON PARK, MD 20653	45-3989137		394,208	0	N/A	N/A	SUB-AWARD
21ST CENTURY SYSTEMS AND SOFTWARE SOLUTIONS LLC 3791 RAISNER COURT WHITE PLAINS, MD 206953427	47-1334357		236,680	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
2MI (MAHONEY MANAGEMENT INC) 2013A LORRAINE AVE MCLEAN, VA 22101	47-2448453		17,495	0	N/A	N/A	SUB-AWARD
99999 CONSULTING LLC 7032 BRADWOOD COURT SPRINGFIELD, VA 22151	45-5428863		141,398	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
AAI CORPORATION DBA TEXTRON SYSTEMS UNMANNED SYSTEMS 124 INDUSTRY LANE HUNT VALLEY, MD 210303342	52-0583724		62,948	0	N/A	N/A	SUB-AWARD
ABINGTON MEMORIAL HOSPITAL 1200 OLD YORK RD ABINGTON, PA 190013720	23-1352152	501(C)(3)	14,525	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ABSL POWER SOLUTIONS INC DBA ABSL SPACE PRODUCTS 1751 S FORDHAM STREET LONGMONT, CO 80503	20-3905678		345,723	0	N/A	N/A	SUB-AWARD
ABT ASSOCIATES INC 55 WHEELER ST CAMBRIDGE, MA 02138	04-2347643		182,837	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ACADEMYHEALTH 1150 17TH ST NW STE 600 WASHINGTON, DC 20036	52-1260918	501(C)(3)	63,598	0	N/A	N/A	SUB-AWARD
ACOUSTIC MEDSYSTEMS INC 206 N RANDOLPH ST STE 301 CHAMPAIGN, IL 618203979	37-1365835		81,896	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ADLERHORST INTERNATIONAL LLC 3951 VERNON AVE RIVERSIDE, CA 92509	33-0057314		64,626	0	N/A	N/A	SUB-AWARD
ADVANCED THERMAL BATTERIES INC 107 BEAVER COURT COCKEYSVILLE, MD 210302152	20-4535859		8,133	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
AEI SYSTEMS LLC 539 VIA RIPAGRANDE AVE HENDERSON, NV 89011	90-0854209		147,520	0	N/A	N/A	SUB-AWARD
AEROJET ROCKETDYNE INC PO BOX 201452 DALLAS, TX 753201452	95-1751500		3,032,042	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
AEROSPACE CORPORATION PO BOX 881870/GSAW LOS ANGELES, CA 90009	95-2102389	501(C)(3)	107,734	0	N/A	N/A	SUB-AWARD
AKIN INC 1782 21ST AVENUE SAN FRANCISCO, CA 94122	38-4005385		52,978	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ALBERT EINSTEIN COLLEGE OF MEDICINE 1300 MORRIS PARK AVE BRONX, NY 10461	13-1624225	501(C)(3)	301,597	0	N/A	N/A	SUB-AWARD
ALION SCIENCE & TECHNOLOGY CORPORATION 1000 BURR RIDGE PKWY BURR RIDGE, IL 60527	54-2061691		20,305	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ALL HAZARDS CONSORTIUM INC 7360 GUILFORD DRIVE FREDERICK, MD 21704	26-0275096		62,143	0	N/A	N/A	SUB-AWARD
ALLEGHENY SINGER RESEARCH INSTITUTE PO BOX 951765 CLEVELAND, OH 44193	25-1320493	501(C)(3)	70,017	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
AMAZON WEB SERVICES LLC 410 TERRY AVENUE NORTH SEATTLE, WA 981095210	20-4938068		43,764	0	N/A	N/A	SUB-AWARD
AMERICAN ACADEMY OF ORTHOPEDIC 9400 W HIGGINS RD ROSEMONT, IL 60018	36-2110592	501(C)(3)	104,268	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
AMERICAN CANCER SOCIETY INC 250 WILLIAMS ST NW STE 400 ATLANTA, GA 303031002	13-1788491	501(C)(3)	270,000	0	N/A	N/A	SUB-AWARD
AMERICAN COLLEGE OF NURSE MIDWIVES 8403 COLESVILLE RD STE 1550 SILVER SPRING, MD 209106374	74-1685515	501(C)(6)	78,608	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
AMERICAN COLLEGE OF OBSTETRICIANS 409 12TH ST SW WASHINGTON, DC 20024	36-2217981	501(C)(3)	76,281	0	N/A	N/A	SUB-AWARD
AMERICAN COLLEGE OF SURGEONS 633 N ST CLAIRE ST CHICAGO, IL 60611	36-2192800	501(C)(3)	1,021,361	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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AMERICAN INSTITUTES FOR RESEARCH 1000 THOMAS JEFFERSON ST NW WASHINGTON, DC 20007	25-0965219	501(C)(3)	31,874	0	N/A	N/A	SUB-AWARD
AMERICAN SYSTEMS CORPORATION PO BOX 221201 CHANTILLY, VA 201531201	54-0962497		32,679	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
AMERICAN UNIVERSITY 4400 MASSACHUSETTS AVENUE NW WASHINGTON, DC 20016	53-0196549	501(C)(3)	116,412	0	N/A	N/A	SUB-AWARD
AMJR CONSULTING DBA OPENEDSIM 1012 WILMINGTON WAY REDWOOD CITY, CA 94062	47-1324531		80,875	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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ANDERSON MATRIX CONSULTING 115 EMERALD CHASE CIRCLE JOHNSON CITY, TN 37615	26-2489155		245,123	0	N/A	N/A	SUB-AWARD
ANNE ARUNDEL HEALTH SYSTEM INST INC PO BOX 37181 BALTIMORE, MD 212973181	52-1646304		11,212	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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ANTHEM ENGINEERING LLC 8756 BLAZING BROOK WAY ELKRIDGE, MD 21075	46-2821408		1,390,043	0	N/A	N/A	SUB-AWARD
APPLIED AEROSPACE STRUCTURES CORPORATION PO BOX 6189 STOCKTON, CA 95206	36-4004211		664,626	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
APPLIED COHERENT TECHNOLOGY CORPORATION 112 ELDEN STREET HERNDON, VA 20170	54-1534159		523,772	0	N/A	N/A	SUB-AWARD
APPLIED PHYSICAL SCIENCES CORPORATION 475 BRIDGE STREET GROTON, CT 06340	01-0655626		31,451	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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AR CHILDRENS HOSPITAL RESEARCH INSTITUTE 1 CHILDRENS WAY FINANCIAL SERVICES LITTLE ROCK, AR 722023591	71-0694931	501(C)(3)	90,795	0	N/A	N/A	SUB-AWARD
ARIZONA ALLIANCE OF COMMUNITY HEALTH 700 E JEFFERSON ST STE 100 PHOENIX, AZ 85034	86-0494702	501(C)(3)	84,155	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ARIZONA STATE UNIVERSITY PO BOX 873503 TEMPE, AZ 852873503	86-0196696	115	225,236	0	N/A	N/A	SUB-AWARD
ARMTEC COUNTERMEASURES COMPANY 85901 AVENUE 53 COACHELLA, CA 92236	48-1266479		96,929	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
AS AND D LLC 7000 MULRKLK MEADOWS DRIVE SUITE 100 BELTSVILLE, MD 20705	46-0504469		85,393	0	N/A	N/A	SUB-AWARD
ASSETT INC 11220 ASSETT LOOP MANASSAS, VA 201097914	54-2025171		14,946	0	N/A	N/A	SUB-AWARD

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(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ASSOC OF MATERNAL AND CHILD HEALTH 2030 M STEET NW WASHINGTON, DC 20036	52-1529448	501(C)(3)	50,447	0	N/A	N/A	SUB-AWARD
ASSOCIATED UNIVERSITIES INC DBA GREEN BANK OBSERVATORY 1400 16TH ST NW WASHINGTON, DC 20036	11-1630900		26,100	0	N/A	N/A	SUB-AWARD

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(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY INC 3700 SAN MARTIN DR BALTIMORE, MD 21218	86-0138043	501(C)(3)	5,687	0	N/A	N/A	SUB-AWARD
ASTOR SVCS FOR CHILDREN FAMILIES 6339 MILL ST RHINEBECK, NY 125721427	14-1397918	501(C)(3)	54,000	0	N/A	N/A	SUB-AWARD

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(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ATA AEROSPACE LLC 7474 GREENWAY CENTER DRIVE GREENBELT, MD 20770	20-5672118		33,233	0	N/A	N/A	SUB-AWARD
ATK SPACE SYSTEMS INC 6033 E BANDINI BLVD COMMERCE, CA 900402904	33-0517898		56,773	0	N/A	N/A	SUB-AWARD

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ATLANTIC GENERAL HOSPITAL 10320 OLD OCEAN CITY BLVD BERLIN, MD 21811	52-1656507	501(C)(3)	12,500	0	N/A	N/A	SUB-AWARD
AUBURN UNIVERSITY 115 QUAD COURT AUBURN, AL 36849	63-6000724	115	9,608	0	N/A	N/A	SUB-AWARD

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AUGUSTA UNIV RESEARCH INSTITUTE INC PO BOX 945552 ATLANTA, GA 30394	58-1418202	501(C)(3)	16,986	0	N/A	N/A	SUB-AWARD
AVENIR HEALTH INC 41A NEW LONDON TURNPIKE GLASTONBURY, CT 06033	20-4816286	501(C)(3)	556,036	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
AZURE SUMMIT TECHNOLOGY INC 3050 CHAIN BRIDGE ROAD FAIRFAX, VA 220302834	26-0528644		131,773	0	N/A	N/A	SUB-AWARD
BABSON COLLEGE 231 FOREST ST BABSON PARK, MA 02457	04-2103544	501(C)(3)	8,904	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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BAE SYSTEMS IESI 65 SPIT BROOK RD NASHUA, NH 030610868	52-2268742		168,138	0	N/A	N/A	SUB-AWARD
BALL STATE UNIVERSITY 2000 UNIVERSITY AVE MUNCIE, IN 473061022	35-6000221	115	15,725	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
BALTIMORE CITY PUBLIC SCHOOLS 200 E NORTH AVE BALTIMORE, MD 21202	52-2064235	115	374,338	0	N/A	N/A	SUB-AWARD
BALTIMORE MUSEUM OF ART 10 ART MUSEUM DR BALTIMORE, MD 21218	52-6000162	501(C)(3)	54,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
BALTIMORE MUSEUM OF INDUSTRY INC 1415 KEY HWY BALTIMORE, MD 212305115	52-1205675	501(C)(3)	18,750	0	N/A	N/A	SUB-AWARD
BANYAN BIOMARKERS INC 13400 PROGRESS BLVD ALACHUA, FL 32615	20-1449566		55,410	0	N/A	N/A	SUB-AWARD

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BARBARA ANN KARMANOS CANCER CENTER 4100 JOHN R DETROIT, MI 48201	38-1613280	501(C)(3)	84,845	0	N/A	N/A	SUB-AWARD
BAYLOR COLLEGE OF MEDICINE ONE BAYLOR PLAZA BCM505 HOUSTON, TX 77030	74-1613878	501(C)(3)	1,913,459	0	N/A	N/A	SUB-AWARD

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BAYLOR UNIVERSITY ONE BEAR PL 97043 WACO, TX 767061003	74-1159753	501(C)(3)	123,507	0	N/A	N/A	SUB-AWARD
BECKMAN RESEARCH INST OF CITY OF HOPE 1500 DUARTE RD DUARTE, CA 910103000	95-3432210	501(C)(3)	75,197	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
BETH ISRAEL DEACONESS MEDICAL CTR 330 BROOKLINE AVE BOSTON, MA 02215	04-2103881	501(C)(3)	20,408	0	N/A	N/A	SUB-AWARD
BIG BROTHERS BIG SISTERS OF THE GREATER CHESAPEAKE INC 3600 CLIPPER MILL RD STE 250 BALTIMORE, MD 212111946	52-0631265	501(C)(3)	30,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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BIOMEDICAL RESEARCH INSTITUTE 12111 PARKLAWN DR ROCKVILLE, MD 20852	36-2229561	501(C)(3)	638,617	0	N/A	N/A	SUB-AWARD
BIOSONICS INC 4027 LEARY WAY NW SEATTLE, WA 98107	91-1034706		5,748	0	N/A	N/A	SUB-AWARD

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BLACK CLOUD INC 318 KENT DRIVE COCOA BEACH, FL 32931	23-2938240		625,286	0	N/A	N/A	SUB-AWARD
BLOOD CENTER OF WISCONSIN INC PO BOX 2178 MILWAUKEE, WI 53201	39-0807235	501(C)(3)	119,045	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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BLUE CANYON TECHNOLOGIES LLC 2425 55TH STREET BOULDER, CO 803015702	26-2692494		1,059,366	0	N/A	N/A	SUB-AWARD
BOARD OF EDUCATION PRINCE GEORGE'S COUNTY FOR HOWARD B OWENS CENTER 14201 SCHOOL LANE UPPER MARLBORO, MD 207729983		115	37,167	0	N/A	N/A	SUB-AWARD

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BOSTON CHILDRENS HOSPITAL 300 LONGWOOD AVE BOSTON, MA 02115	04-2774441	501(C)(3)	128,429	0	N/A	N/A	SUB-AWARD
BOSTON PUBLIC SCHOOLS 26 COURT ST BOSTON, MA 021082505	04-3444082	115	138,624	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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BOSTON UNIVERSITY 25 BUICK ST BOSTON, MA 02215	04-2103547	501(C)(3)	1,422,130	0	N/A	N/A	SUB-AWARD
BRIGHAM AND WOMENS HOSPITAL INC 75 FRANCIS ST BOSTON, MA 02115	04-2312909	501(C)(3)	1,136,022	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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BRIGHAM YOUNG UNIVERSITY A-278 ASB - PO BOX 21128 PROVO, UT 846021128	87-0217280	501(C)(3)	8,756	0	N/A	N/A	SUB-AWARD
BROAD INSTITUTE INC 415 MAIN STREET CAMBRIDGE, MA 02142	26-3428781	501(C)(3)	142,102	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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BROWN UNIVERSITY OFC RES ADMIN BOX 1929 PROVIDENCE, RI 02912	05-0258809	501(C)(3)	654,098	0	N/A	N/A	SUB-AWARD
BUCK INSTITUTE FOR AGE RESEARCH 8001 REDWOOD BLVD NOVATO, CA 94947	94-3030609	501(C)(3)	13,112	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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CS DRAPER LABORATORY INC 555 TECHNOLOGY SQUARE CAMBRIDGE, MA 021393563	04-2505372	501(C)(3)	147,145	0	N/A	N/A	SUB-AWARD
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E CALIFORNIA BLVD PASADENA, CA 91125	95-1643307	501(C)(3)	1,529,425	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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CALIFORNIA PACIFIC MEDICAL CENTER 475 BRANNAN ST STE 220 SAN FRANCISCO, CA 94107	94-0562680	501(C)(3)	34,958	0	N/A	N/A	SUB-AWARD
CAMBER COLLECTIVE LLC 408 N 35TH ST STE A SEATTLE, WA 98103	27-1314359		316,341	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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CANA ADVISORS 7371 ATLAS WALK WAY GAINESVILLE, VA 20155	26-3563494		78,686	0	N/A	N/A	SUB-AWARD
CANCER RESEARCH AND BIOSTATISTICS 1730 MINOR AVENUE STE 1900 SEATTLE, WA 98101	91-1828539	501(C)(3)	79,092	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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CARBON-CARBON ADVANCED TECHNOLOGIES INC 4704 EDEN ROAD KENNEDALE, TX 76140	75-2181484		491,154	0	N/A	N/A	SUB-AWARD
CARESTREAM HEALTH INC 150 VERONA ST ROCHESTER, NY 146081733	20-8190334		98,188	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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CARNEGIE MELLON UNIVERSITY 5000 FORBES AVE PITTSBURGH, PA 15213	25-0969449	501(C)(3)	704,039	0	N/A	N/A	SUB-AWARD
CAROLINAS MEDICAL CENTER 1010 EDGEHILL RD N CHARLOTTE, NC 28207	56-0554229	115	322,455	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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CASE WESTERN RESERVE UNIVERSITY 2500 METROHEALTH DR CLEVELAND, OH 44109	34-6004382	501(C)(3)	465,372	0	N/A	N/A	SUB-AWARD
CATALYST BEHAVIORAL SCIENCES LLC 2985 JACKSON AVE MIAMI, FL 33133	46-4279527		11,329	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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CATHOLIC UNIVERSITY OF AMERICA 620 MICHIGAN AVE NE WASHINGTON, DC 20064	53-0196583	501(C)(3)	27,299	0	N/A	N/A	SUB-AWARD
CAUSASCI LLC PO BOX 627 ELLCOTT CITY, MD 210410627	20-3263417		348,332	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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CDC FOUNDATION 55 PARK PL ATLANTA, GA 30303	58-2106707	501(C)(3)	162,019	0	N/A	N/A	SUB-AWARD
CEDARS SINAI MEDICAL CENTER 8700 BEVERLY BLVD LOS ANGELES, CA 90048	95-1644600	501(C)(3)	2,121,089	0	N/A	N/A	SUB-AWARD

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CENSEO INSIGHT INC 1700 7TH AVENUE SEATTLE, WA 98101	45-4195800		157,322	0	N/A	N/A	SUB-AWARD
CENTRAL QUEENS YM & YWHA INC 67-09 108TH ST FOREST HILLS, NY 11375	11-1633509	501(C)(3)	228,071	0	N/A	N/A	SUB-AWARD

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CERNER CORP 2800 ROCKCREEK PKWY KANSAS CITY, MO 64117	43-1196944		7,551	0	N/A	N/A	SUB-AWARD
CGI FEDERAL INC 12601 FAIR LAKES CIRCLE FAIRFAX, VA 220334902	54-0856778		48,831	0	N/A	N/A	SUB-AWARD

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CHAIN RING LLC 40956 FOREST GLEN DRIVE LEESBURG, VA 20175	47-4369714		93,347	0	N/A	N/A	SUB-AWARD
CHILD TRENDS INC 7315 WISCONSIN AVE STE 1200W BETHESDA, MD 208143666	13-2982969	501(C)(3)	158,224	0	N/A	N/A	SUB-AWARD

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CHILDRENS HOSPITAL ASSOCIATION 13123 E 16TH AVE AURORA, CO 80045	84-0166760	501(C)(3)	16,450	0	N/A	N/A	SUB-AWARD
CHILDRENS HOSPITAL OF PHILADELPHIA 3615 CIVIC CTR BLVD PHILADELPHIA, PA 19104	23-1352166	501(C)(3)	1,105,340	0	N/A	N/A	SUB-AWARD

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CHILDRENS MEMORIAL HOSPITAL 2300 CHILDRENS PLAZA MB 37 CHICAGO, IL 60614	36-2170833	501(C)(3)	347,593	0	N/A	N/A	SUB-AWARD
CHILDRENS NATIONAL MEDICAL CENTER 111 MICHIGAN AVE NW WASHINGTON, DC 200102916	52-1640403	501(C)(3)	126,997	0	N/A	N/A	SUB-AWARD

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CHILDRENS RESEARCH INSTITUTE 111 MICHIGAN AVE NW WASHINGTON, DC 20010	52-1654453	501(C)(3)	177,073	0	N/A	N/A	SUB-AWARD
CHOPTANK COMMUNITY HEALTH SYSTEM INC 301 RANDOLPH ST DENTON, MD 216291243	52-1116591	501(C)(3)	33,009	0	N/A	N/A	SUB-AWARD

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CINCINNATI CHILDRENS HOSPITAL 3333 BURNET AVE CINCINNATI, OH 45229	31-0833936	501(C)(3)	586,583	0	N/A	N/A	SUB-AWARD
CITY YEAR INC 287 COLUMBUS AVE BOSTON, MA 02116	22-2882549	501(C)(3)	133,610	0	N/A	N/A	SUB-AWARD

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CLEMSON UNIVERSITY 230 KAPPA STREET CLEMSON, SC 296345355	57-6000254	115	136,082	0	N/A	N/A	SUB-AWARD
CLEVELAND VA MEDICAL RESEARCH AND EDUCATION FOUNDATION 10701 EAST BOULEVARD VAMC 151C W CLEVELAND, OH 441061702	34-1710663	501(C)(3)	86,201	0	N/A	N/A	SUB-AWARD

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CO-LAPSE 5909 EASTCLIFF DR BALTIMORE, MD 21209	81-5452482		35,000	0	N/A	N/A	SUB-AWARD
COLD SPRING HARBOR LABORATORY PO BOX 100 1 BUNG TOWN RD COLD SPRG HARBOR, NY 117242213	11-2013303	501(C)(3)	41,293	0	N/A	N/A	SUB-AWARD

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COLORADO STATE UNIVERSITY 1019 CAMPUS DELIVERY FORT COLLINS, CO 80523	84-6000545	115	15,029	0	N/A	N/A	SUB-AWARD
COMMAND CANINE LLC 6072 POLLEY AVENUE NAPLES, FL 34112	47-2920930		546,880	0	N/A	N/A	SUB-AWARD

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COMMUNITIES IN SCHOOLS INC 2345 CRYSTAL DR STE 801 ARLINGTON, VA 22202	58-1289174	501(C)(3)	144,479	0	N/A	N/A	SUB-AWARD
COMMUNITIES IN SCHOOLS OF SEATTLE 2445 THIRD AVE S SEATTLE, WA 98134	91-1910330	501(C)(3)	265,124	0	N/A	N/A	SUB-AWARD

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COMMUNITIES IN SCHOOLS PHILADELPHIA 2000 HAMILTON ST STE 201 PHILADELPHIA, PA 19130	23-2410538	501(C)(3)	59,146	0	N/A	N/A	SUB-AWARD
COMMUNITY HEALTH PROJECT INC 39 W 19TH ST RM 602 NEW YORK, NY 100114294	13-3409680	501(C)(3)	148,716	0	N/A	N/A	SUB-AWARD

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COMMUNITY PARTNERS INTERNATIONAL 2560 NINTH ST STE 315 B BERKELEY, CA 947102567	94-3375666	501(C)(3)	38,768	0	N/A	N/A	SUB-AWARD
COMPUTER SYSTEMS CENTER INCORPORATED PO BOX 127 SPRINGFIELD, VA 221500127	54-1428673		8,472	0	N/A	N/A	SUB-AWARD

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CONCURRENT TECHNOLOGIES CORPORATION 100 CTC DRIVE JONSTOWN, PA 15904	25-1556708	501(C)(3)	347,502	0	N/A	N/A	SUB-AWARD
CONTAINER RESEARCH CORPORATION 1 HOLLOW HILL ROAD GLEN RIDDLE, PA 19073	23-1456965		97,800	0	N/A	N/A	SUB-AWARD

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CORE GROUP 919 18TH ST NW STE 350 WASHINGTON, DC 20006	31-1744950	501(C)(3)	430,260	0	N/A	N/A	SUB-AWARD
CORE SOURCE TECHNOLOGIES LLC 20410 CENTURY BLVD GERMANTOWN, MD 20874	30-0030643		278,355	0	N/A	N/A	SUB-AWARD

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CORNELL UNIVERSITY 341 PINE TREE RD ITHACA, NY 148500022	15-0532082	501(C)(3)	366,490	0	N/A	N/A	SUB-AWARD
CORNERTURN LLC 2320 POMONA ROAD CORONA, CA 92880	84-1635707		732,109	0	N/A	N/A	SUB-AWARD

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CREARE INC 16 GREAT HOLLOW RD HANOVER, NH 03755	02-0259551		169,891	0	N/A	N/A	SUB-AWARD
CSRA LLC 3170 FAIRVIEW PARK DRIVE FALLS CHURCH, VA 22042	47-3093524		28,124	0	N/A	N/A	SUB-AWARD

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CUBRC INC 4455 GENESEE STREET BUFFALO, NY 14225	22-2505934		171,946	0	N/A	N/A	SUB-AWARD
CUSTOM ANALYTICAL ENGINEERING SYS INC 13000 TENSOR LANE NE FLINTSTONE, MD 21530	52-1483418		526,434	0	N/A	N/A	SUB-AWARD

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DANA FARBER CANCER INSTITUTE 450 BROOKLINE AVE BOSTON, MA 02215	04-2263040	501(C)(3)	306,094	0	N/A	N/A	SUB-AWARD
DANIEL H WAGNER ASSOCIATES INC 559 WEST UWCHLAN AVE STE 140 EXTON, PA 19341	23-1677707		215,810	0	N/A	N/A	SUB-AWARD

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DARTMOUTH MEDICAL COLLEGE 11 ROPE FERRY RD HANOVER, NH 03775	02-0222111	501(C)(3)	192,002	0	N/A	N/A	SUB-AWARD
DDL OMNI ENGINEERING LLC 8260 GREENSBORO DRIVE MCLEAN, VA 22102	54-1825099		8,853	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
DECIPHER TECHNOLOGY STUDIOS LLC 110 S UNION ST ALEXANDRIA, VA 22314			447,495	0	N/A	N/A	SUB-AWARD
DELOITTE FINANCIAL ADVISORY SERVICES LLP 1750 TYSONS BOULEVARD MCLEAN, VA 22102	03-0520745		445,186	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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DENVER HEALTH AND HOSPITAL AUTHORITY 777 BANNOCK ST DENVER, CO 80204	84-1343242	115	27,769	0	N/A	N/A	SUB-AWARD
DEPLOYABLE SPACE SYSTEMS INC 460 WARD DRIVE SANTA BARBARA, CA 93111	27-1889503		388,820	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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DES MOINES UNIVERSITY 3200 GRAND AVE RYAN HALL 209 DES MOINES, IA 503124104	42-0730347	501(C)(3)	8,538	0	N/A	N/A	SUB-AWARD
DESIGN TUGBOAT LLC 535 SAN PIERRE WAY MOUNTAIN VIEW, CA 94043	47-3137555		26,835	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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DIABETESSISTERS 618 N BOYLAN ST STE 510 RALEIGH, NC 27603	26-2964716	501(C)(3)	8,175	0	N/A	N/A	SUB-AWARD
DIGITAL GLOBE INTELLIGENCE SOLUTIONS INC 2325 DULLES CORNER BOULEVARD SUITE 800 HERNDON, VA 20171	61-1411322		676,348	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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DIVERSIFIED TECHNOLOGIES INC 3011 FOREVER DR FINKSBURG, MD 21048	04-2992321		50,000	0	N/A	N/A	SUB-AWARD
DOMAIN X TECHNOLOGIES 4229 LAFAYETTE CENTER DRIVE CHANTILLY, VA 201511270	35-2363493		880,972	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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DREXEL UNIVERSITY 3141 CHESNUT ST PHILADELPHIA, PA 19104	23-1352630	501(C)(3)	138,945	0	N/A	N/A	SUB-AWARD
DUKE UNIVERSITY 2200 W MAIN ST STE 300 DURHAM, NC 27705	56-0532129	501(C)(3)	2,531,682	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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EAST CAROLINA UNIVERSITY 2200 S CHARLES BLVD GREENVILLE, NC 278584353	56-1929013	115	5,947	0	N/A	N/A	SUB-AWARD
EAST TENNESSEE STATE UNIVERSITY PO BOX 70565 JOHNSON CITY, TN 37614	62-6021046	115	234,950	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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EASTERN VIRGINIA MEDICAL SCHOOL 358 MOWBRAY ARCH NORFOLK, VA 23501	54-6055378	115	26,869	0	N/A	N/A	SUB-AWARD
ECHO RIDGE LLC 100 CARPENTER DRIVE STERLING, VA 20164	20-5608382		761,513	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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EDUCATION NORTHWEST 101 SW MAIN ST STE 500 PORTLAND, OR 97204	93-0553346	501(C)(3)	83,191	0	N/A	N/A	SUB-AWARD
EI DUPONT HOSPITAL FOR CHILDREN 1600 ROCKLAND RD WILMINGTON, DE 19803	59-0634433	501(C)(3)	16,666	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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EINHORN ENGINEERING PLLC 6202 36TH AVE NE SEATTLE, WA 98115	26-2737851		100,802	0	N/A	N/A	SUB-AWARD
EMCUBE INC 1900 N BEAUREGARD STREET ALEXANDRIA, VA 22311	54-1685244		239,052	0	N/A	N/A	SUB-AWARD

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EMMES CORPORATION 401N WASHINGTON ST STE 700 ROCKVILLE, MD 20850	54-1058268		549,850	0	N/A	N/A	SUB-AWARD
EMORY UNIVERSITY 101 WOODRUFF CIR STE 6107 ATLANTA, GA 30322	58-0566256	501(C)(3)	911,385	0	N/A	N/A	SUB-AWARD

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ENGAGING SCHOOLS INC 23 GARDEN ST CAMBRIDGE, MA 02138	04-2764204	501(C)(3)	9,290	0	N/A	N/A	SUB-AWARD
ENGENDER HEALTH 440 9TH AVENUE NEW YORK, NY 10001	13-1623838	501(C)(3)	1,952,384	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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ENGILITY CORPORATION 400 VIRGINIA AVE SW WASHINGTON, DC 20036	04-2393618		47,764	0	N/A	N/A	SUB-AWARD
ERAPSCO 5612 JOHNSON LAKE ROAD DE LEON SPRING, FL 32130	35-1752474		1,009,971	0	N/A	N/A	SUB-AWARD

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ERIKSON INSTITUTE 3755 PAYSPHERE CIR CHICAGO, IL 60674	36-2593545	501(C)(3)	97,417	0	N/A	N/A	SUB-AWARD
ERNST AND YOUNG LLP 200 PLAZA DR SECAUCUS, NJ 07094	34-6565596		720,000	0	N/A	N/A	SUB-AWARD

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FAMILY HEALTH INTERNATIONAL 359 BLACKWELL ST STE 200 DURHAM, NC 27701	23-7413005	501(C)(3)	5,286,585	0	N/A	N/A	SUB-AWARD
FAMILY VOICES 3701 SAN MATEO BLVD STE 103 ALBUQUERQUE, NM 87110	65-0430800	501(C)(3)	22,276	0	N/A	N/A	SUB-AWARD

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FAR EAST INDUSTRIES INC 8930 OLD ANNAPOLIS RD STE C COLUMBIA, MD 21045	52-1847659		25,848	0	N/A	N/A	SUB-AWARD
FASTABEND SOLUTIONS LLC 1 TAY RIVER WILLIAMSBURG, VA 231887416	47-4390053		25,325	0	N/A	N/A	SUB-AWARD

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FEINSTEIN INST FOR MEDICAL RESEARCH 350 COMMUNITY DR MANHASSET, NY 11030	11-3418133	501(C)(3)	54,341	0	N/A	N/A	SUB-AWARD
FENWAY COMMUNITY HEALTH CENTER INC 1340 BOYLSTON STREET BOSTON, MA 02215	04-2510564	501(C)(3)	100,886	0	N/A	N/A	SUB-AWARD

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FLORIDA INSTITUTE FOR HUMAN AND MACHINE COGNITION (IHMC) 40 SOUTH ALCANIZ STREET PENSACOLA, FL 325026008	20-0760849	501(C)(3)	49,426	0	N/A	N/A	SUB-AWARD
FLORIDA STATE UNIVERSITY 97 S WOODWARD AVE TALLAHASSEE, FL 32306	59-3211153	501(C)(3)	5,839	0	N/A	N/A	SUB-AWARD

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FOCUSED ANALYSIS & RESEARCH 11043 BERRY PICK LANE COLUMBIA, MD 21044	52-2187763		18,333	0	N/A	N/A	SUB-AWARD
FORSECIT SERVICES LLC 10335 MILLPORT DRIVE TAMPA, FL 33626	81-2352169		399,848	0	N/A	N/A	SUB-AWARD

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FOSTER-MILLER INC DBA QINETIQ NORTH AMERICA 350 SECOND AVENUE WALTHAM, MA 02451	04-2212281		17,472	0	N/A	N/A	SUB-AWARD
FOUNDATION FOR TRUSTED IDENTITY 7500 HWY 90 WEST ATT BUILDING SAN ANTONIO, TX 78227	47-5547833	115	603,505	0	N/A	N/A	SUB-AWARD

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FOUNDRY INC 767 STACY OAK WAY MILLERSVILLE, MD 21108	54-1858069		149,503	0	N/A	N/A	SUB-AWARD
FOX CHASE CANCER CENTER 333 COTTMAN AVE PHILADELPHIA, PA 19111	23-2003072	501(C)(3)	12,038	0	N/A	N/A	SUB-AWARD

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FRIENDS RESEARCH INSTITUTE 505 BALTIMORE AVE BALTIMORE, MD 21204	52-0701445	501(C)(3)	161,538	0	N/A	N/A	SUB-AWARD
FRONTIER SCIENCE AND TECHNOLOGY RESEARCH FOUNDATION 4033 MAPLE RD AMHERST, NY 14226	16-1056814	501(C)(3)	662,309	0	N/A	N/A	SUB-AWARD

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FULL SPECTRUM SOLUTIONS INC 10127 ALBYAR AVENUE RIVERVIEW, FL 33578	46-4598710		29,504	0	N/A	N/A	SUB-AWARD
FUND FOR EDUCATIONAL EXCELLENCE INC 800 N CHARLES ST ST 400 BALTIMORE, MD 20201	52-1129402	501(C)(3)	9,191	0	N/A	N/A	SUB-AWARD

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FUNDAMENTAL TECHNOLOGIES LLC 2411 PONDEROSA DRIVE LAWRENCE, KS 660465057	74-2846959		203,812	0	N/A	N/A	SUB-AWARD
FUTURES WITHOUT VIOLENCE 100 MONTGOMERY ST SAN FRANCISCO, CA 94129	94-3110973	501(C)(3)	240,778	0	N/A	N/A	SUB-AWARD

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GARNETT CORPORATION PO BOX D282 SAVAGE, MD 20763	26-1118222		25,877	0	N/A	N/A	SUB-AWARD
GE RESEARCH AND DEVELOPMENT CENTER ONE RESEARCH CIR NISKAYUNA, NY 12309	14-0689340		344,262	0	N/A	N/A	SUB-AWARD

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GEISINGER CLINIC 100 N ACADEMY AVE DANVILLE, PA 178223069	23-6291113	501(C)(3)	1,409,333	0	N/A	N/A	SUB-AWARD
GENERAL DYNAMICS MISSION SYSTEMS INC 14700 LEE ROAD CHANTILLY, VA 20151	45-0484950		268,774	0	N/A	N/A	SUB-AWARD

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GENESIS ENGINEERING SOLUTIONS INC 9811 GREENBELT RD LANHAM, MD 207066241	04-3651329		1,096,901	0	N/A	N/A	SUB-AWARD
GENEVA FOUNDATION PO BOX 98687 LAKEWOOD, WA 98496	91-1593913	501(C)(3)	481,410	0	N/A	N/A	SUB-AWARD

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GEOMETRIC DATA ANALYTICS INC 636 ROCK CREEK ROAD CHAPEL HILL, NC 275146716	46-1204980		85,000	0	N/A	N/A	SUB-AWARD
GEORGE MASON UNIVERSITY 4400 UNIV DR MS2E1 FAIRFAX, VA 22030	54-0836354	115	136,797	0	N/A	N/A	SUB-AWARD

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GEORGE WASHINGTON UNIVERSITY 44983 KNOLL SQ ASHBURN, VA 20147	53-0196584	501(C)(3)	501,469	0	N/A	N/A	SUB-AWARD
GEORGETOWN UNIVERSITY 2233 WISCONSIN AVE NW WASHINGTON, DC 20007	53-0196603	501(C)(3)	383,943	0	N/A	N/A	SUB-AWARD

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GEORGIA STATE UNIVERSITY ONE PARK PLACE STE 707 ATLANTA, GA 30303	58-6002050	115	8,607	0	N/A	N/A	SUB-AWARD
GEORGIA TECH APPLIED RESEARCH CORPORATION 925 DALNEY ST STE 102 ATLANTA, GA 303320420	58-2374837	501(C)(3)	224,452	0	N/A	N/A	SUB-AWARD

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GEORGIA TECH RESEARCH CORPORATION 505 TENTH ST ATLANTA, GA 303320420	58-0603146	501(C)(3)	119,439	0	N/A	N/A	SUB-AWARD
GEOSYNTEC CONSULTANTS INC 900 BROKEN SOUND PKWY NW STE 200 BOCA RATON, FL 33487	59-2355134		9,936	0	N/A	N/A	SUB-AWARD

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GLENWOOD LIFE CENTER 516 GLENWOOD AVE BALTIMORE, MD 21212	23-7121331	501(C)(3)	33,601	0	N/A	N/A	SUB-AWARD
GLOBAL ALLIANCE FOR TB DRUG DEVELOPMENT 40 WALL ST 24TH FL NEW YORK, NY 10005	13-4128413	501(C)(3)	8,120	0	N/A	N/A	SUB-AWARD

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GLOBAL ALLIANCE TO PREVENT PREMATURETY AND STILLBIRTHS 38 E 32ND ST 12TH FL NEW YORK, NY 10010	81-4625437	501(C)(3)	225,000	0	N/A	N/A	SUB-AWARD
GLOBAL DEVELOPMENT INCUBATOR INC 99 MADISON AVE STE 17 NEW YORK, NY 10016	14-1945286	501(C)(3)	226,488	0	N/A	N/A	SUB-AWARD

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GLOBAL HEALTH STRATEGIES 38 E 32ND ST FLR 12 NEW YORK, NY 100165559	22-3885564		1,654,137	0	N/A	N/A	SUB-AWARD
GORDON WOLF & CARNEY CHTD 100 W PENNSYLVANIA AVE SUITE 100 TOWSON, MD 21204	52-2217685		17,935	0	N/A	N/A	SUB-AWARD

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GOUCHER COLLEGE 1021 DULANEY VALLEY RD BALTIMORE, MD 212042753	52-0591613	501(C)(3)	6,207	0	N/A	N/A	SUB-AWARD
GRAEBNER DIGITAL SOLUTIONS AND CONSULTING 42 EAGLE RIDGE DRIVE GALES FERRY, CT 06335	81-1300172		30,400	0	N/A	N/A	SUB-AWARD

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GRAPHIKA INC 311 W 43RD ST NEW YORK, NY 10036	46-4386048		10,581	0	N/A	N/A	SUB-AWARD
GRAY ROCK PROFESSIONAL ALLIANCE LLC 3612 GRAY ROCK DRIVE ELLICOTT CITY, MD 210423704	49-1290987		783,299	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
GREATER BALTIMORE MEDICAL CENTER 6569 N CHARLES ST PPW 307 BALTIMORE, MD 21204	52-6049658	501(C)(3)	40,704	0	N/A	N/A	SUB-AWARD
GSE SOFTWARE INC 7058 MIDDLESBURY RIDGE CIRCLE WEST HILLS, CA 91307	95-4711574		105,385	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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GUROO LLC 6036 LINCOLNIA ROAD ALEXANDRIA, VA 22312	27-3679643		280,230	0	N/A	N/A	SUB-AWARD
H LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE HOSPITAL INC 12902 MAGNOLIA DR TAMPA, FL 33612	59-3238634	501(C)(3)	43,069	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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HAIGH-FARR INC 43 HARVEY ROAD BEDFORD, NH 03110	02-0446081		47,605	0	N/A	N/A	SUB-AWARD
HAMILTON SUNDSTRAND SPACE SYS INT (UTAS) PO BOX 360951 PITTSBURGH, PA 15251	06-1388006		2,973,526	0	N/A	N/A	SUB-AWARD

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HAMPTON UNIVERSITY QUEEN AND TYLER STREET HAMPTON, VA 23668	54-0505990	501(C)(3)	10,263	0	N/A	N/A	SUB-AWARD
HARFORD RESEARCH INSTITUTE 1411 SARATOGA DRIVE BEL AIR, MD 210145515	26-0175444	501(C)(3)	11,250	0	N/A	N/A	SUB-AWARD

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HARRIS CORPORATION 2400 PALM BAY ROAD PALM BAY, FL 32905	34-0276860		2,589,936	0	N/A	N/A	SUB-AWARD
HARRIS CORPORATION EXELIS 480 WASHINGTON BOULEVARD JERSEY CITY, NJ 07310	45-2083813		57,678	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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HARVARD UNIVERSITY 665 HUNTINGTON AVE BOSTON, MA 02115	04-2103580	501(C)(3)	1,147,718	0	N/A	N/A	SUB-AWARD
HDT EXPEDITIONARY SYSTEMS INC 10300 SPOTSYLVANIA AVE FREDERICKSBURG, VA 22408	54-1251757		80,198	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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HEKTOEN INSTITUTE 2240 W OGDEN AVE 2ND FL CHICAGO, IL 60612	36-2244897	501(C)(3)	17,530	0	N/A	N/A	SUB-AWARD
HENRY FORD HEALTH SYSTEM 2799 W GRAND BLVD DETROIT, MI 48202	38-1357020	501(C)(3)	15,107	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
HENRY M JACKSON FDTN 4301 JONES BRIDGE RD RM G074 BETHESDA, MD 20014	52-1317896	501(C)(3)	18,960	0	N/A	N/A	SUB-AWARD
HESPERIAN FOUNDATION 1919 ADDISON ST 304 BERKLEY, CA 94704	94-6109093	501(C)(3)	48,368	0	N/A	N/A	SUB-AWARD

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HOLMES-TUCKER INTERNATIONAL INC 21789 N CORAL DRIVE LEXINGTON PARK, MD 206535518	54-1494948		631,593	0	N/A	N/A	SUB-AWARD
HONORHEALTH FOUNDATION 8125 N HAYDEN RD SCOTTSDALE, AZ 85258	74-2355411	501(C)(3)	91,667	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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HOOSIER CANCER RESEARCH NETWORK INC 351 W 10TH ST STE 330 INDIANAPOLIS, IN 46202	26-0303542	501(C)(3)	128,201	0	N/A	N/A	SUB-AWARD
HOWARD UNIVERSITY 2225 GEORGIA AVE NW 3RD FL WASHINGTON, DC 20059	53-0204707	501(C)(3)	140,966	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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HUMACYTE 7020 KIT CREEK RD STE 230 DURHAM, NC 27709	84-1661297		105,520	0	N/A	N/A	SUB-AWARD
HUNTSMAN CANCER HOSPITAL 1950 CIRCLE OF HOPE STE 2900 SALT LAKE CITY, UT 841125560	87-0541293	501(C)(3)	70,471	0	N/A	N/A	SUB-AWARD

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I2 STRATEGY AND DEVELOPMENT LLC (I2SD) 928 GRAYDON AVENUE NORFOLK, VA 23507	81-1028536		30,000	0	N/A	N/A	SUB-AWARD
ICAP HEADQUARTERS-USA 722 WEST 168TH STREET NEW YORK, NY 10032	13-5598093	501(C)(3)	50,713	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
IHC HEALTH SERVICES INC 5121 S COTTONWOOD ST 6TH FL MURRAY, UT 84107	94-2854057	501(C)(3)	25,699	0	N/A	N/A	SUB-AWARD
ILC DOVER LP ONE MOONWALKER RD FREDERICA, DE 19946	51-0281422		228,851	0	N/A	N/A	SUB-AWARD

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IMPACT SCIENCE & TECHNOLOGY INC 85 NORTHWEST BLVD NASHUA, NH 03063	02-0479454		284,719	0	N/A	N/A	SUB-AWARD
IMPROVEMENT PATH SYSTEMS INC 24843 IVYWOOD DR FARMINGTON HILLS, MI 48336	38-3073532		3,653,069	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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IMS 115 SOLUTIONS INC 8280 WILLOW OAKS CORPORATE DRIVE FAIRFAX, VA 22031	54-1947506		165,896	0	N/A	N/A	SUB-AWARD
IN SILICO SOLUTIONS 2735 HARTLAND RD STE 301 FALLS CHURCH, VA 22043	26-0755383		240,604	0	N/A	N/A	SUB-AWARD

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INDIANA UNIVERSITY 30 E KIRKWOOD AVE BLOOMINGTON, IN 474084003	35-6001673	115	875,724	0	N/A	N/A	SUB-AWARD
INNOVATIVE CONCEPTS ENGINEERING INC 6411 IVY LANE GREENBELT, MD 20770	20-4498382		274,395	0	N/A	N/A	SUB-AWARD

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INNOVATIVE ENGINEERING SOLUTIONS 26200 ADAMS AVE MARRIETA, CA 92562	33-0648177		5,245	0	N/A	N/A	SUB-AWARD
INOVA HEALTH SYSTEM 3300 GALLOWS RD FALLS CHURCH, VA 22042	54-1773443	501(C)(3)	29,447	0	N/A	N/A	SUB-AWARD

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INPHASE RESEARCH CORPORATION 2751 PROSPERITY AVENUE FAIRFAX, VA 22031	47-4267753		84,770	0	N/A	N/A	SUB-AWARD
INSTITUTE FOR CLINICAL RESEARCH INC 50 IRVING ST NW WASHINGTON, DC 20422	52-1336656	501(C)(3)	8,182	0	N/A	N/A	SUB-AWARD

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INSTITUTE FOR SYSTEMS BIOLOGY 401 TERRY AVE N SEATTLE, WA 98109	91-2003593	501(C)(3)	151,787	0	N/A	N/A	SUB-AWARD
INTEGRATED PROGRAM SOLUTIONS 22164 HANOVER WOODS CT LEONARDTOWN, MD 20650	26-4289157		72,066	0	N/A	N/A	SUB-AWARD

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INTELLIGENT POWER AND ENERGY RESEARCH CORPORATION PO BOX 177 WEST FRIENDSHIP, MD 217940177	20-1423902		60,750	0	N/A	N/A	SUB-AWARD
INTERNATIONAL CENTER FOR RESEARCH ON WOMEN 1120 20TH ST NW STE 500 WASHINGTON, DC 200363491	52-1081455	501(C)(3)	61,685	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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INTERNATIONAL RESCUE COMMITTEE 1900 N HOWARD ST BALTIMORE, MD 212185909	13-5660870	501(C)(3)	9,882	0	N/A	N/A	SUB-AWARD
INTERNEWS NETWORK 876 7TH ST ARCATA, CA 95518	94-3027961	501(C)(3)	32,664	0	N/A	N/A	SUB-AWARD

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INTRAHEALTH INTERNATIONAL INC 6340 QUADRANGLE DR STE 200 CHAPEL HILL, NC 27517	55-0825466	501(C)(3)	1,778,913	0	N/A	N/A	SUB-AWARD
INTREPID SOLUTIONS AND SERVICES INC 12001 SUNRISE VALLER DRIVE RESTON, VA 20191	26-3697206		311,243	0	N/A	N/A	SUB-AWARD

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INVICTUS K9 6209 7-LAKES W WEST END, NC 27276	47-3135574		44,651	0	N/A	N/A	SUB-AWARD
IOWA STATE UNIVERSITY 1600 SOUTH 16TH STREET AMES, IA 500113609	42-6004224	501(C)(3)	18,948	0	N/A	N/A	SUB-AWARD

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IVYSYS TECHNOLOGIES LLC PO BOX 7655 SILVER SPRING, MD 20907	87-0755160		756,440	0	N/A	N/A	SUB-AWARD
J CRAIG VENTER INST 9704 MEDICAL CENTER DRIVE ROCKVILLE, MD 20850	52-1842938	501(C)(3)	25,242	0	N/A	N/A	SUB-AWARD

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JACKSON LABORATORY 610 MAIN ST BAR HARBOR, ME 04609	01-0211513	501(C)(3)	128,315	0	N/A	N/A	SUB-AWARD
JAMES BELL ASSOCIATES 3033 WILSON BLVD ARLINGTON, VA 22201	52-1150061		165,604	0	N/A	N/A	SUB-AWARD

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JANUS COMMUNICATIONS 9 SHELBY IRVINE, CA 92602	35-2593727		29,122	0	N/A	N/A	SUB-AWARD
JDSAT INC 10210 BENS WAY MANASSAS, VA 20110	46-3550262		38,067	0	N/A	N/A	SUB-AWARD

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JEFFREY O WHITE CONSULTING PO BOX 10271 SILVER SPRING, MD 20914	81-3754666		39,480	0	N/A	N/A	SUB-AWARD
JEWISH COMMUNITY SERVICE INC 5750 PARK HEIGHTS AVE BALTIMORE, MD 21215	52-0607909	501(C)(3)	248,983	0	N/A	N/A	SUB-AWARD

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JOHN SNOW INC 44 FARNSWORTH ST BOSTON, MA 02210	04-2578580		24,330,576	0	N/A	N/A	SUB-AWARD
JOINT RESEARCH AND DEVELOPMENT INC 50 TECH PARKWAY STAFFORD, VA 22556	42-1633797		786,421	0	N/A	N/A	SUB-AWARD

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JORGENSEN LEARNING CENTER 117 RAPTOR WAY LANDRUM, SC 29356	02-0629058		74,571	0	N/A	N/A	SUB-AWARD
JOSLIN DIABETES CENTER INC 1 JOSLIN PL BOSTON, MA 02215	04-2203836	501(C)(3)	30,252	0	N/A	N/A	SUB-AWARD

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JSI RESEARCH AND TRAINING INSTITUTE 44 FARNSWORTH ST BOSTON, MA 02210	04-2679824	501(C)(3)	1,322,811	0	N/A	N/A	SUB-AWARD
KAISER FOUNDATION RESEARCH 1800 HARRISON ST OAKLAND, CA 946123433	94-1105628	501(C)(3)	537,861	0	N/A	N/A	SUB-AWARD

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KENNEDY KRIEGER INSTITUTE 3901 GREENSPRING AVE BALTIMORE, MD 21211	52-1524965	501(C)(3)	4,374,751	0	N/A	N/A	SUB-AWARD
KEONI GURRL PRODUCTIONS LLC 1630 T ST SE WASHINGTON, DC 20020	46-2653703		49,980	0	N/A	N/A	SUB-AWARD

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KINETX INC PO BOX 7336 ST CLOUD, MN 56302	77-0326085		1,073,662	0	N/A	N/A	SUB-AWARD
L-1 STANDARDS AND TECHNOLOGY INC PO BOX 729 NEW WINDSOR, MD 217760729	52-2311965		75,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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L-3 COMMUNICATIONS 65 JONSPIN ROAD WILMINGTON, MA 018871020	13-3937436		3,445,371	0	N/A	N/A	SUB-AWARD
LA JOLLA INFECTIOUS DISEASE INSTITUTE 3525 DEL MAR HEIGHTS RD 453 SAN DIEGO, CA 92130	20-8965505	501(C)(3)	75,954	0	N/A	N/A	SUB-AWARD

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LA JOLLA INSTITUTE FOR ALLERGY 9420 ATHENA CIRCLE LA JOLLA, CA 92037	33-0328688	501(C)(3)	50,000	0	N/A	N/A	SUB-AWARD
LAN SERVICE GROUP OF PORTLAND 18250 S CLARK LN OREGON CITY, OR 97045	26-1546434		207,564	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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LASERMOTIVE INC 19645 70TH AVE SOUTH KENT, WA 98032	45-1868604		152,572	0	N/A	N/A	SUB-AWARD
LAWRENCE BERKELEY NATIONAL ONE CYCLOTRON RD 977-250 BERKELEY, CA 94720	94-2951741		595,265	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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LAWRENCE LIVERMORE NAT'L SECURITY LLC 7000 EAST AVENUE LIVERMORE, CA 94550	20-5624386		2,133,326	0	N/A	N/A	SUB-AWARD
LEIDOS INC 11951 FREEDOM WAY RESTON, VA 20190	95-3630868		1,491,902	0	N/A	N/A	SUB-AWARD

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(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
LIEBER INSTITUTE FOR BRAIN DEVELOPMENT 855 N WOLFE ST STE 300 BALTIMORE, MD 21205	26-3690883	501(C)(3)	652,881	0	N/A	N/A	SUB-AWARD
LINC LLC 667 F STREET NE WASHINGTON, DC 20002	46-2573007		367,228	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
LINEBERGER COMPREHENSIVE CANCER CENTER CB 7295 450 WEST DR CHAPEL HILL, NC 27599		115	26,160	0	N/A	N/A	SUB-AWARD
LOCKHEED MARTIN ACULIGHT CORPORATION 22121 20TH AVE SE BOTHELL, WA 98021	91-1581683		119,640	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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LOCKHEED MARTIN CORPORATION PO BOX 2656 LANCASTER, CA 935342656	52-1893632		839,367	0	N/A	N/A	SUB-AWARD
LONG ISLAND JEWISH MEDICAL CENTER 972 BRUSH HOLLOW RD WESTBURY, NY 11590	11-2241326	501(C)(3)	141,225	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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LOS ALAMOS NATIONAL LABORATORY PO BOX 462 LOS ALAMOS, NM 87544	20-3104541	115	75,000	0	N/A	N/A	SUB-AWARD
LOS ANGELES BIOMEDICAL RESEARCH 1124 W CARSON ST TORRANCE, CA 90502	95-2138184	501(C)(3)	288,358	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
LOVELACE RESPIRATORY RESEARCH INSTITUTE 2425 RIDGECREST SE ALBUQUERQUE, NM 87108	85-0110669	501(C)(3)	14,074	0	N/A	N/A	SUB-AWARD
LOYOLA UNIV MEDICAL CENTER 2160 S 1ST ST MAYWOOD, IL 60153	36-4015560	501(C)(3)	17,857	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
LUMINIT LLC 1850 W 205TH STREET TORRANCE, CA 905011526	20-3829605		91,522	0	N/A	N/A	SUB-AWARD
LYN AEROSPACE LLC 3270 SUNRISE BLVD MELBOURNE, FL 32940	20-4893460		100,386	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MAC INC 909 PROGRESS CIR STE 100 SALISBURY, MD 21804	52-0992005	501(C)(3)	95,850	0	N/A	N/A	SUB-AWARD
MACRO INTL INC 15294 COLLECTION CENTER DR CHICAGO, IL 60693	52-0955232		1,332,864	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MAD QUEEN PRODUCTIONS 6104 CLOUGH PIKE CINCINNATI, OH 45244	82-2627885		52,500	0	N/A	N/A	SUB-AWARD
MAGEE WOMENS RESEARCH INSTITUTE 3339 WARD ST PITTSBURGH, PA 15213	25-1462312	501(C)(3)	203,079	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MANAGEMENT SCIENCES FOR HEALTH 200 RIVERS EDGE DR STE 320 MEDFORD, MA 02155	04-2482188	501(C)(3)	1,151,860	0	N/A	N/A	SUB-AWARD
MANDEX INC 4001 N 9TH ST ARLINGTON, VA 22203	95-2902232		822,395	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MARICOPA INTEGRATED HEALTH 2611 PIERCE ST PHOENIX, AZ 85008	74-2652689	115	740,622	0	N/A	N/A	SUB-AWARD
MARINE ACOUSTICS INC 14 PELHAM ST NEWPORT, RI 02840	04-2993452		1,750,155	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MARYLAND TREATMENT CENTER 3800 FREDERICK AVE BALTIMORE, MD 21229	52-1447757		132,282	0	N/A	N/A	SUB-AWARD
MARYLAND ZOOLOGICAL SOCIETY INC 1876 MANSION HOUSE DRIVE BALTIMORE, MD 21217	52-0996352	501(C)(3)	15,490	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MASSACHUSETTS GENERAL HOSPITAL 225 WARREN BOSTON, MA 02114	04-2697983	501(C)(3)	555,741	0	N/A	N/A	SUB-AWARD
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 500 TECHNOLOGY SQ CAMBRIDGE, MA 02139	04-2103594	501(C)(3)	409,809	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MATERIAL DYNAMICS AND DEVICES INC 5169 SHIELD CIRCLE RALIEGH, NC 27603	47-2380685		20,869	0	N/A	N/A	SUB-AWARD
MATHEMATICAL ANALYSIS RESEARCH CORPORATION 4239 VIA PADOVA CLAREMONT, CA 91711	91-0929667		29,693	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MATTHEWS MEDIA GROUP INC 700 KING FARM BOULEVARD SUITE 500 ROCKVILLE, MD 20850	52-1586000		96,126	0	N/A	N/A	SUB-AWARD
MAXPOWER INC 141 CHRISTOPHER LANE HARLEYSVILLE, PA 194382035	23-2797805		368,191	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MAYO CLINIC 200 FIRST ST SW ROCHESTER, MN 55905	41-6011702	501(C)(3)	1,097,806	0	N/A	N/A	SUB-AWARD
MCDONNELL DOUGLAS CORPORATION A WHOLLY OWED SUBSIDIARY OF BOEING LOS ANGELES, CA 900743036	43-0400674		224,540	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MCLEAN HOSPITAL CORPORATION 115 MILL ST BELMONT, MA 02478	04-2697981	501(C)(3)	391,201	0	N/A	N/A	SUB-AWARD
MDRC 16 E 34TH 19TH FL NEW YORK, NY 10016	23-7379473	501(C)(3)	562,673	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MEDICAL CENTER OF CENTRAL GEORGIA INC 777 HEMLOCK ST MACON, GA 31201	58-2149128	501(C)(3)	9,668	0	N/A	N/A	SUB-AWARD
MEDICAL COLLEGE OF WISCONSIN INC 8701 WATERTOWN PLANK RD MILWAUKEE, WI 53226	39-0806261	501(C)(3)	1,992,744	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MEDICAL UNIVERSITY OF SOUTH CAROLINA 171 ASHLEY AVE CHARLESTON, SC 294253001	57-6000722	115	329,325	0	N/A	N/A	SUB-AWARD
MEDSTAR HEALTH RESEARCH INSTITUTE INC 6495 NEW HAMPSHIRE AVE STE 201 HYATTSVILLE, MD 20783	52-6056274	501(C)(3)	6,928	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MEDTRONIC USA INC AF SOLUTIONS 8200 CORAL SEA ST NE MOUNDS VIEW, MN 55112	36-3342093		35,209	0	N/A	N/A	SUB-AWARD
MEMBER OF THE FAMILY LLC 670 RITCHIE HIGHWAY SEVERNA PARK, MD 21146	52-2174180		47,512	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MEMORIAL HERMANN HEALTH SYSTEM 1333 MOURSUND ST HOUSTON, TX 77030	74-1152597	501(C)(3)	26,929	0	N/A	N/A	SUB-AWARD
MEMORIAL SLOAN KETTERING CANCER CENTER 633 THIRD AVE NEW YORK, NY 10017	13-1624082	501(C)(3)	415,172	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MENTAL HEALTH ASSOCIATION OF MARYLAND 1301 YORK RD STE 505 LUTHERVILLE, MD 21093	52-0591666	501(C)(3)	8,115	0	N/A	N/A	SUB-AWARD
MENTE SYSTEMS INC DBA THEINCLAB 7900 WESTPARK DRIVE SUITE A560 MCLEAN, VA 22102	47-4488142		337,443	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MERCURY SOLUTIONS INC 12701 MARBLESTONE DRIVE WOODBIDGE, VA 22192	47-4242949		99,115	0	N/A	N/A	SUB-AWARD
MERCURY SYSTEMS INC 199 RIERNECK ROAD CHELMSFORD, MA 01824	04-2741391		99,000	0	N/A	N/A	SUB-AWARD

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MERCY CORPS 45 SW ANKEY ST PORTLAND, OR 97204	91-1148123	501(C)(3)	228,676	0	N/A	N/A	SUB-AWARD
MERCY SAN JUAN MEDICAL CENTER S3810 J STREET SACRAMENTO, CA 95816	94-1196203	115	26,519	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MERIDIAN MSI LLC 18 PLEASANT STREET BRUNSWICK, ME 04011	46-4224865		193,554	0	N/A	N/A	SUB-AWARD
METATEQ INC 1127 PRISCILLA LANE ALEXANDRIA, VA 22308	26-0412360		320,486	0	N/A	N/A	SUB-AWARD

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METIS FOUNDATION 300 CONVENT ST STE 1330 SAN ANTONIO, TX 78205	47-2219464	501(C)(3)	48,940	0	N/A	N/A	SUB-AWARD
METROHEALTH SYSTEM 2500 METROHEALTH DR R104 CLEVELAND, OH 44109	34-6004382	501(C)(3)	53,970	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MICHIGAN STATE UNIVERSITY 426 AUDITORIUM ROAD EAST LANSING, MI 488242600	38-6005984	115	236,988	0	N/A	N/A	SUB-AWARD
MICROWAVE DYNAMICS 14321 CHAMBERS RD TUSTIN, CA 92780	33-0566098		63,000	0	N/A	N/A	SUB-AWARD

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MID ATLANTIC PERMANENTE MEDICAL 2101 E JEFFERSON ST ROCKVILLE, MD 20852	52-1196226		80,906	0	N/A	N/A	SUB-AWARD
MID-ATLANTIC EQUITY CONSORTIUM INC 5272 RIVER RD SUITE 340 BETHESDA, MD 208161437	52-1790753	501(C)(3)	19,949	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MINNEAPOLIS MEDICAL RESEARCH FOUNDATION 701 PARK AVE MINNEAPOLIS, MN 55415	41-1677920	501(C)(3)	19,960	0	N/A	N/A	SUB-AWARD
MIRANDA INC PO BOX 400 COLUMBIA, MD 21045	52-2230696		278,202	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MISSISSIPPI STATE UNIVERSITY 75 B S HOOD RD MISSISSIPPI STATE, MS 39762	64-6000819	501(C)(3)	44,700	0	N/A	N/A	SUB-AWARD
MISSOURI BREAKS INDUSTRIES RESEARCH 24181 148 STREET TIMBERLAKE, SD 57656	46-0438471		197,034	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MN ASSOCIATES INC 5231 GUNPOWDER RD FAIRFAX, VA 22030	20-1927547		50,039	0	N/A	N/A	SUB-AWARD
MOD4D2 LLC 3484 ROOSEVELT STREET CARLSBAD, CA 92008	82-0833326		12,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MONELL CHEMICAL SENSES CENTER 3500 MARKET ST PHILADELPHIA, PA 191043308	23-2020897	501(C)(3)	48,258	0	N/A	N/A	SUB-AWARD
MONOGRAM BIOSCIENCES 345 OYSTER POINT BLVD SAN FRANCISCO, CA 94080	94-3234479		6,360	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MONTEFIORE MEDICAL CENTER 555 S BROADWAY TARRYTOWN, NY 105916301	13-1740114	501(C)(3)	54,016	0	N/A	N/A	SUB-AWARD
MOOG INC PO BOX 405228 ATLANTA, GA 30384	16-0757636		366,304	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MORGAN STATE UNIVERSITY 1700 E COLDSRING LN BALTIMORE, MD 21251	23-7089143	115	392,856	0	N/A	N/A	SUB-AWARD
MOUNT SINAI SCHOOL OF MEDICINE ONE GUSTAVE L LEVY PL NEW YORK, NY 10029	13-6171197	501(C)(3)	1,190,798	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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MRI GLOBAL PO BOX 803308 KANSAS CITY, MO 641803308	44-0545878		87,995	0	N/A	N/A	SUB-AWARD
N CA INST FOR RESEARCH AND EDUCATIO 4150 CLEMENT ST 151 NC SAN FRANCISCO, CA 941211545	94-3084159	501(C)(3)	53,837	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
NATIONAL COMMITTEE FOR QUALITY ASSURANCE 1100 13TH ST NW STE 1000 WASHINGTON, DC 20005	52-1191985	501(C)(3)	153,468	0	N/A	N/A	SUB-AWARD
NATIONAL JEWISH HEALTH 1400 JACKSON ST DENVER, CO 802062761	74-2044647	501(C)(3)	228,687	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
NATIONAL OPINION RESEARCH CENTER 55 E MONROE ST FL 20 CHICAGO, IL 60603	36-2167808	501(C)(3)	1,763,555	0	N/A	N/A	SUB-AWARD
NATIONAL TECHNOLOGIES ASSOCIATION INC 6601 LITTLE RIVER TURNPIKE 215 ALEXANDRIA, VA 22312	54-1169829		57,826	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA LLC 1515 EUBANK BLVD NE MS-1387 ALBUQUERQUE, NM 87123	85-0097942	501(C)(1)	952,500	0	N/A	N/A	SUB-AWARD
NAVAL SURFACE WARFARE CENTER 4104 EVANS WAY STE 102 INDIAN HEAD, MD 20640	53-0235662	115	200,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
NAVMAR APPLIED SCIENCES CORPORATION 65 W STREET ROAD WARMINSTER, PA 18974	23-2054431		62,179	0	N/A	N/A	SUB-AWARD
NETHOPE INC 10615 JUDICIAL DR STE 402 FAIRFAX, VA 22030	20-1782011	501(C)(3)	57,292	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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NEW JERSEY INSTITUTE OF TECHNOLOGY 323 DR MARTIN LUTHER KING JR BLVD NEWARK, NJ 07102	22-6000910	115	1,678,791	0	N/A	N/A	SUB-AWARD
NEW MEXICO INSTITUTE OF MINING 801 LEROY PL SOCORRO, NM 87801	85-6000411	115	39,150	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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NEW SCALE TECHNOLOGIES INC 8938 121 VICTOR HEIGHTS PKWY VICTOR, NY 14564	22-3867856		120,062	0	N/A	N/A	SUB-AWARD
NEW YORK CITY HEALTH AND HOSPITAL 1400 PELHAM PKWY SOUTH BRONX, NY 10461	13-2655001	115	158,987	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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NEW YORK UNIVERSITY 341 E 25TH ST NEW YORK, NY 10010	13-5562308	501(C)(3)	861,973	0	N/A	N/A	SUB-AWARD
NEWARK BETH ISRAEL MEDICAL CENTER 201 LYONS AVE NEWARK, NJ 07112	22-3452311	501(C)(3)	45,909	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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NEXGEN COMMUNICATIONS LLC A WHOLLY OWNED SUBSIDIARY OF HARRIS CORPORATION 44330 WOODRIDGE PKWY LEESBURG, VA 20176	54-2013068		322,981	0	N/A	N/A	SUB-AWARD
NORTH CAROLINA A&T STATE UNIVERSITY 1601 E MARKET ST GREENSBORO, NC 274110001	56-6000007	115	171,635	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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NORTH CAROLINA STATE UNIVERSITY 10 WATAUGA CLUB DRIVE RALEIGH, NC 27607	56-6000756	115	44,403	0	N/A	N/A	SUB-AWARD
NORTHEASTERN UNIVERSITY 360 HUNTINGTON AVE BOSTON, MA 02115	91-1898417	501(C)(3)	227,699	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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NORTHROP GRUMMAN 7501 GREENWAY CTR DR GREENBELT, MD 20770	95-1055798		4,164,403	0	N/A	N/A	SUB-AWARD
NORTHROP GRUMMAN CORP ELECTRONIC SYSTEMS 895 OCEANIC DR ANNAPOLIS, MD 21401	95-4840775		221,241	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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NORTHWEST RESEARCH ASSOCIATES INC 4118 148TH AVENUE NE REDMOND, WA 980525164	91-1291143		74,877	0	N/A	N/A	SUB-AWARD
NORTHWESTERN UNIVERSITY 633 CLARK ST 2-502 EVANSTON, IL 602081110	36-2167817	501(C)(3)	1,377,518	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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NOVUS ENERGY TECHNOLOGIES INC 7548 SILVER VIEW LANE RALEIGH, NC 27613	46-2786254		15,562	0	N/A	N/A	SUB-AWARD
NRT METHODOLOGIES INC 1901 N 370 W TOOELE, UT 840748920	27-4375172		52,566	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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NUMERICA CORPORATION 5042 TECHNOLOGY PARKWAY FORT COLLINS, CO 80528	84-1349484		161,629	0	N/A	N/A	SUB-AWARD
NUTRIA PRODUCTIONS LLC 919 E 37TH ST BALTIMORE, MD 21218	47-4838049		6,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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OAK RIDGE ASSOCIATED UNIVERSITITES INC 130 BADGER AVE OAK RIDGE, TN 37830	62-0476801	501(C)(3)	137,862	0	N/A	N/A	SUB-AWARD
OAK RIDGE NATIONAL LABORATORY 1 BETHEL VALLEY RD OAK RIDGE, TN 37830	62-1788235	115	30,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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OASIS SYSTEMS LLC 24 HARTWELL AVE LEXINGTON, MA 02421	04-3382761		12,755	0	N/A	N/A	SUB-AWARD
OCEANEERING INTERNATIONAL INC 804-D INDUSTRIAL AVE CHESAPEAKE, VA 23324	95-2628227		91,214	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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OFS LABORATORIES 600 MOUNTAIN AVE BERKELEY HEIGHTS, NJ 07922	16-1745377		87,296	0	N/A	N/A	SUB-AWARD
OHIO STATE UNIVERSITY 901 WOODY HAYES DRIVE COLUMBUS, OH 432710997	31-6025986	501(C)(3)	61,260	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
OHIO STATE UNIVERSITY RESEARCH FOUNDATION 1960 KENNY RD COLUMBUS, OH 43210	31-6401599	501(C)(3)	158,666	0	N/A	N/A	SUB-AWARD
ONA SYSTEMS INC 46 BREWER PKWY SOUTH BURLINGTON, VT 054037325	38-3940780		50,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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ONCOLOGY HEMATOLOGY WEST PC 17201 WRIGHT ST STE 200 OMAHA, NE 68130	47-0754790		13,515	0	N/A	N/A	SUB-AWARD
ON-LINE APPLICATIONS RESEARCH CORPORATION 7047 OLD MADISON PIKE HUNTSVILLE, AL 358062188	63-0745918		30,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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ONYX AEROSPACE INC 114 WEST MARKET ST STE A ATHEN, AL 35611	45-4071979		12,717	0	N/A	N/A	SUB-AWARD
OPENJAUS LLC 2820 WOOSTER DRIVE ALLISON PARK, PA 15101	27-3228750		63,784	0	N/A	N/A	SUB-AWARD

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OPHTHALMIC CONSULTANTS OF BOSTON 50 STANIFORD ST STE 600 BOSTON, MA 02114	04-2500346		31,820	0	N/A	N/A	SUB-AWARD
OPTIMIZATION TECHNOLOGIES INC DBA OPT TEK SYSTEMS INC 2241 17TH STREET BOULDER, CO 803024362	84-1312459		9,190	0	N/A	N/A	SUB-AWARD

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ORBITAL SCIENCES CORPORATION PO BOX 1450 MINNEAPOLIS, MN 554857854	06-1209561		464,474	0	N/A	N/A	SUB-AWARD
OREGON STATE UNIVERSITY 1500 SW JEFFERSON WAY CORVALLIS, OR 97331	61-1730890	115	138,784	0	N/A	N/A	SUB-AWARD

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OUR LADY OF THE LAKE PHYSICIAN 5000 HENNESSY BLVD BATON ROUGE, LA 70809	27-4026658	501(C)(3)	88,331	0	N/A	N/A	SUB-AWARD
OUT OF THE FOG RESEARCH LLC 565 CLYDE AVE 620 MOUNTAIN VIEW, CA 94043			40,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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OXFENDAZOLE DEVELOPMENT GROUP 736 CATHCART RD BLUE BELL, PA 19422	81-1547477	501(C)(3)	103,372	0	N/A	N/A	SUB-AWARD
PACIFIC SCIENCE & ENGINEERING GROUP 9180 BROWN DEER ROAD SAN DIEGO, CA 92121	33-0086000		135,528	0	N/A	N/A	SUB-AWARD

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PACIFIC TUGBOAT SERVICE PO BOX 12787 SAN DIEGO, CA 92112	03-0471259		878,640	0	N/A	N/A	SUB-AWARD
PACT INC 1828 L ST NW STE 300 WASHINGTON, DC 20036	13-2702768	501(C)(3)	1,137,150	0	N/A	N/A	SUB-AWARD

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PALLADIUM INTERNATIONAL LLC 1000 W MAIN ST SND FL DURHAM, NC 277012098	26-1509671		1,491,649	0	N/A	N/A	SUB-AWARD
PALMER WOLF CORPORATION 8A FRANCIS AVE CAMBRIDGE, MA 02138	04-2793784		26,670	0	N/A	N/A	SUB-AWARD

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PALO ALTO RESEARCH CENTER 3333 COYOTE HILL ROAD PALO ALTO, CA 94304	06-1568182		66,000	0	N/A	N/A	SUB-AWARD
PALO ALTO VETERANS INSITITUTE FOR RESEARCH 3801 MIRANDA AVE PALO ALTO, CA 943040038	77-0207331	501(C)(3)	84,603	0	N/A	N/A	SUB-AWARD

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PAPGENE INC 810 WYMAN PARK DR BALTIMORE, MD 212112840	46-5019671		2,594,226	0	N/A	N/A	SUB-AWARD
PARK HEIGHTS RENAISSANCE INC 3939 REISTERSTOWN RD BALTIMORE, MD 21215	77-0673126	501(C)(3)	50,891	0	N/A	N/A	SUB-AWARD

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PARTNERSHIP WITH CHILDREN INC 299 BROADWAY RM 1300 NEW YORK, NY 100071932	13-5596751	501(C)(3)	246,648	0	N/A	N/A	SUB-AWARD
PATCHPLUS CONSULTING INC 3 RALEIGH CIRCLE MEDFORD, NJ 08055	05-0523991		63,470	0	N/A	N/A	SUB-AWARD

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PATH 1455 NW LEARY WAY SEATTLE, WA 98107	91-1157127	501(C)(3)	138,936	0	N/A	N/A	SUB-AWARD
PATHFINDER INTERNATIONAL 9 GALEN ST STE 217 WATERTOWN, MA 02472	53-0235320	501(C)(3)	372,112	0	N/A	N/A	SUB-AWARD

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PENINSULA REGIONAL MEDICAL CENTER 100 E CARROLL ST SALISBURY, MD 218015493	52-0591628	501(C)(3)	118,947	0	N/A	N/A	SUB-AWARD
PENNSYLVANIA STATE UNIVERSITY 500 UNIVERSITY DR HERSHEY, PA 170332390	24-6000376	115	892,479	0	N/A	N/A	SUB-AWARD

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PHOTON ENGINEERING LLC PO BOX 31316 TUCSON, AZ 85751	86-0867603		13,100	0	N/A	N/A	SUB-AWARD
PHYSICAL SCIENCES INC 20 NEW ENGLAND BUSINESS CTR DR ANDOVER, MA 01810	04-2517090		142,131	0	N/A	N/A	SUB-AWARD

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PICOMETRIX LLC 2925 BOARDWALK ST ANN ARBOR, MI 481046765	37-1508208		203,853	0	N/A	N/A	SUB-AWARD
PIEDMONT CANCER INSTITUTE PC 1800 HOWELL MILL RD STE 800 ATLANTA, GA 30318	58-1761689		48,457	0	N/A	N/A	SUB-AWARD

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PIXELTEQ INC 8060 BRYAN DAIRY ROAD LARGO, FL 33777	26-3796391		248,641	0	N/A	N/A	SUB-AWARD
PLANETARY SCIENCE INSTITUTE 1700 E FORT LOWELL ROAD TUCSON, AZ 857192395	33-0175263	501(C)(3)	190,174	0	N/A	N/A	SUB-AWARD

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PLASMA PROCESSES LLC 4914 MOORES MILL ROAD HUNTSVILLE, AL 358111558	27-3812665		428,157	0	N/A	N/A	SUB-AWARD
POPULATION ACTION INTERNATIONAL 1300 19TH ST NW STE 200 WASHINGTON, DC 20036	52-0812075	501(C)(3)	2,117,535	0	N/A	N/A	SUB-AWARD

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POPULATION SERVICES INTERNATIONAL 1120 19TH ST NW WASHINGTON, DC 20036	56-0942853	501(C)(3)	5,087,763	0	N/A	N/A	SUB-AWARD
PORTLAND STATE UNIVERSITY PO BOX 751 PORTLAND, OR 972070751	93-0401259	501(C)(3)	99,397	0	N/A	N/A	SUB-AWARD

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PREDICTIVE SCIENCE INC 9990 MESA RIM ROAD SAN DIEGO, CA 921213933	26-3200502		23,162	0	N/A	N/A	SUB-AWARD
PRESSURE PROFILE SYSTEMS INC 5757 CENTURY BLVD LOS ANGELES, CA 90045	95-4600767		25,000	0	N/A	N/A	SUB-AWARD

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PRIME SOLUTIONS GROUP INC 1300 S LITCHFIELD RD BLDG 4 GOODYEAR, AZ 85338	20-8269430		96,539	0	N/A	N/A	SUB-AWARD
PRINCE GEORGES COUNTY PUB SCHOOL 14201 SCHOOL LANE UPPER MARLBORO, MD 20772	52-6000992	115	15,392	0	N/A	N/A	SUB-AWARD

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PRINCETON UNIVERSITY 2 NEW SOUTH PRINCETON, NJ 08544	21-0634501	501(C)(3)	4,484,017	0	N/A	N/A	SUB-AWARD
PROBITY INC 754 ELDEN STREET HERNDON, VA 20170	27-5398621		1,788,944	0	N/A	N/A	SUB-AWARD

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PROGENY SYSTEMS CORPORATION 9500 INNOVATION DRIVE MANASSAS, VA 20110	54-1766108		31,370	0	N/A	N/A	SUB-AWARD
PROGRAM FOR APPROPRIATE TECHNOLOGY 2 NEW SOUTH PRINCETON, NJ 08544	21-0634501	501(C)(3)	3,831,674	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
PROMUNDO-US 2 NEW SOUTH PRINCETON, NJ 08544	21-0634501	501(C)(3)	10,523	0	N/A	N/A	SUB-AWARD
PROVIDENCE BRAIN AND SPINE INSTITUTE 4805 NE GLISAN ST STE 5F40 PORTLAND, OR 97213		501(C)(3)	40,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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PUBLIC HEALTH LAW CENTER INC 875 SUMMIT AVE SAINT PAUL, MN 551053030	41-1896367	501(C)(3)	11,521	0	N/A	N/A	SUB-AWARD
PUBLIC HEALTH MANAGEMENT CORPORATION 1500 MARKET ST STE 1500 PHILADELPHIA, PA 191022100	23-7221025	501(C)(3)	93,144	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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PURDUE UNIVERSITY 155 SOUTH GATE STREET WEST LAFAYETTE, IN 479072114	35-6002041	115	41,477	0	N/A	N/A	SUB-AWARD
QNX SOFTWARE SYSTEMS INTL CORPORATION 62524 COLLECTIONS CENTER DRIVE CHICAGO, IL 60693			90,000	0	N/A	N/A	SUB-AWARD

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QUALITY ASSURANCE & RISK MANAGEMENT SERVICES INC 22 HIGHRIDGE DRIVE AMERICAN CANYON, CA 94503	90-0234513		32,343	0	N/A	N/A	SUB-AWARD
QUANTUM ENGINEERING DESIGN INC 30487 PETERSON RD CORVALLIS, OR 97333	93-1211775		1,147,035	0	N/A	N/A	SUB-AWARD

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RAND CORPORATION 1776 MAIN ST SANTA MONICA, CA 90407	95-1958142	501(C)(3)	58,319	0	N/A	N/A	SUB-AWARD
RAYTHEON APPLIED SIGNAL TECHNOLOGY INC 460 W CALIFORNIA AVENUE SUNNYVALE, CA 940865148	77-0015491		116,899	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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RAYTHEON BBN TECHNOLOGIES CORPORATION PO BOX 4340 BOSTON, MA 022114340	41-2126829		292,025	0	N/A	N/A	SUB-AWARD
RAYTHEON TECHNICAL PO BOX 3411 BOSTON, MA 02241	04-2305772		52,870	0	N/A	N/A	SUB-AWARD

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RAZZAK TUCKER KAFONEK HANSEN MD PA 10751 FALLS RD STE 303 LUTHERVILLE, MD 21093	52-1095386		5,040	0	N/A	N/A	SUB-AWARD
READING HOSPITAL 301 S 7 AVE WEST READING, PA 19611	23-1352204	501(C)(3)	94,426	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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REMOTEC INC 353 JD YARNELL INDUSTRIAL PARKWAY CLINTON, TN 37716	62-1090777		358,622	0	N/A	N/A	SUB-AWARD
REMUDA LLC 101 S MAIN STREET SUITE 300 PUEBLO, CO 81003	47-1092966		44,611	0	N/A	N/A	SUB-AWARD

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RENA EICHLER DBA BROAD BRANCH ASSOCIATION 4536 BROAD BRANCH RD NW WASHINGTON, DC 20008	51-0556625		305,026	0	N/A	N/A	SUB-AWARD
RENAISSANCE ELECTRONICS & COMMUNICATIONS LLC & SUBSIDIARY HXI 12 LANCASTER COUNTY ROAD HARVARD, MA 01451	04-3123818		57,835	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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RENSSELAER POLYTECHNIC INSTITUTE 17 CRAMER PATH GANSEVOORT, NY 12831	14-1340095	501(C)(3)	68,713	0	N/A	N/A	SUB-AWARD
RESEARCH CONSULTING GROUP INC 1411 SARATOGA DR BEL AIR, MD 21014	52-2047439		94,682	0	N/A	N/A	SUB-AWARD

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RESEARCH FOUNDATION OF CUNY 230 W 41ST STREET NEW YORK, NY 10036	13-1988190	501(C)(3)	174,305	0	N/A	N/A	SUB-AWARD
RESEARCH INSTITUTE AT NATIONWIDE PO BOX 715245 COLUMBUS, OH 43215	31-6056230	501(C)(3)	70,634	0	N/A	N/A	SUB-AWARD

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RESEARCH TRIANGLE INSTITUTE PO BOX 12194 RESEARCH TRIANGLE, NC 277092194	56-0686338	501(C)(3)	4,286,905	0	N/A	N/A	SUB-AWARD
RESULTS FOR DEVELOPMENT INSTITUTE 1100 15 ST NW STE 400 WASHINGTON, DC 20005	20-8530747	501(C)(3)	1,470,519	0	N/A	N/A	SUB-AWARD

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RETINA CONSULTANTS OF HOUSTON 6560 FANNIN STE 750 HOUSTON, TX 77030	51-0151514		26,950	0	N/A	N/A	SUB-AWARD
RETINA FOUNDATION OF THE SOUTHWEST 9600 NORTH CENTRAL EXPRESSWAY DALLAS, TX 75231	51-0151514	501(C)(3)	12,000	0	N/A	N/A	SUB-AWARD

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RHODE ISLAND HOSPITAL 593 EDDY ST PROVIDENCE, RI 02903	05-0258954	501(C)(3)	90,034	0	N/A	N/A	SUB-AWARD
RICE UNIVERSITY 6100 MAIN STREET HOUSTON, TX 77005	74-1109620	501(C)(3)	14,973	0	N/A	N/A	SUB-AWARD

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RIVERA CONSULTING GROUP INC 7060 STATE ROAD 311 SELLERSBURG, IN 47172	20-2863627		568,372	0	N/A	N/A	SUB-AWARD
RKF ENGINEERING SOLUTIONS LLC 7500 OLD GEORGETOWN RD BETHESDA, MD 20814	61-1450728		150,767	0	N/A	N/A	SUB-AWARD

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ROBERT MUNAL CONSULTANTS 344 HAMILTON DRIVE BLOUNTVILLE, TN 37617			277,157	0	N/A	N/A	SUB-AWARD
ROCKET TECHNOLOGY INC 1108 EAST MAIN STREET SUITE 210 RICHMOND, VA 23219	06-1675970		342,263	0	N/A	N/A	SUB-AWARD

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ROCKVILLE INSTITUTE 1650 RESEARCH BLVD ROCKVILLE, MD 208503195	20-3332738	501(C)(3)	8,230	0	N/A	N/A	SUB-AWARD
ROSWELL PARK ALLIANCE FOUNDATION 901 WASHINGTON ST BUFFALO, NY 14203	16-1391608	501(C)(3)	7,618	0	N/A	N/A	SUB-AWARD

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RST LLC 450 SUNNYSIDE RIDGE ROAD SANDPOINT, ID 83864	27-0434974		183,642	0	N/A	N/A	SUB-AWARD
RUSH UNIVERSITY MEDICAL CENTER 1653 W CONGRESS PKWY CHICAGO, IL 60612	36-2174823	501(C)(3)	40,226	0	N/A	N/A	SUB-AWARD

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RUTGERS UNIVERSITY 675 HOES LANE WAY PISCATAWAY, NJ 08854	22-1775306	115	2,116,612	0	N/A	N/A	SUB-AWARD
SAINT BONIFACE HAITI FOUNDATION 383 ELLIOT ST SUITE 100 NEWTON UPPER FALLS, MA 02464	04-3067595	501(C)(3)	223,951	0	N/A	N/A	SUB-AWARD

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SAINT JUDE CHILDRENS RESEARCH HOSPITAL 332 N LAUDERDALE MEMPHIS, TN 38105	62-0646012	501(C)(3)	253,422	0	N/A	N/A	SUB-AWARD
SALK INSTITUTE 10010 NORTH TORREY PINES RD LA JOLLA, CA 92037	95-2160097	501(C)(3)	64,296	0	N/A	N/A	SUB-AWARD

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SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE 10901 N TORREY PINES ROAD LA JOLLA, CA 92037	51-0197108	501(C)(3)	81,359	0	N/A	N/A	SUB-AWARD
SAVE THE CHILDREN 54 WILTON RD WESTPORT, CT 06880	06-0726487	501(C)(3)	27,417,372	0	N/A	N/A	SUB-AWARD

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SAVID LLC 12576 SCULLY AVE SARATOGA, CA 95070	16-1643068		153,033	0	N/A	N/A	SUB-AWARD
SCIENCE & ENGINEERING SERVICE LLC 6992 COLUMBIA GATEWAY DRIVE SUITE 200 COLUMBIA, MD 21046	52-1569411		358,882	0	N/A	N/A	SUB-AWARD

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SCIENCE APPLICATIONS INTERNATIONAL CORP (SAIC) 6725 ODYSSEY DRIVE HUNTSVILLE, AL 35806	46-1932921		63,000	0	N/A	N/A	SUB-AWARD
SCRIPPS HEALTH 11025 N TORREY PINES RD STE 200 LA JOLLA, CA 92037	95-1984089	501(C)(3)	15,840	0	N/A	N/A	SUB-AWARD

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SCRIPPS RESEARCH INSTITUTE 10550 N TORRY PINES RD LA JOLLA, CA 92037	33-0436954	501(C)(3)	887,491	0	N/A	N/A	SUB-AWARD
SEALANDAIRE TECHNOLOGIES INC 1623 WILDWOOD AVENUE JACKSON, MI 492024041	38-3347517		680,982	0	N/A	N/A	SUB-AWARD

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SEATTLE CHILDRENS HOSPITAL PO BOX 5371 7G3 SEATTLE, WA 981050371	91-0564748	501(C)(3)	198,249	0	N/A	N/A	SUB-AWARD
SETI INSTITUTE 189 BERNARDO AVE SUITE 200 MOUNTAIN VIEW, CA 94043	94-2951356		10,583	0	N/A	N/A	SUB-AWARD

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SGT INC PO BX 758671 BALTIMORE, MD 21275	52-1568810		474,696	0	N/A	N/A	SUB-AWARD
SHARED SPACE STUDIOS LLC 19 MORRIS AVE BLDG 128 BROOKLYN, NY 112051095	47-1773856		50,016	0	N/A	N/A	SUB-AWARD

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SHAVANO SYSTEMS INC 5551 E MINERAL CIRCLE CENTENNIAL, CO 801223870	46-4381652		175,417	0	N/A	N/A	SUB-AWARD
SHEPPARD PRATT HEALTH SYSTEM PO BOX 6815 6501 N CHARLES ST TOWSON, MD 212856815	52-0591684	501(C)(3)	24,967	0	N/A	N/A	SUB-AWARD

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SIEMENS CORPORATION CORPORATE TECHNOLOGY 755 COLLEGE ROAD EAST PRINCETON, NJ 08540	13-2623356		102,577	0	N/A	N/A	SUB-AWARD
SIERRA LOBO INC 102 PINNACLE DRIVE FREMONT, OH 434207400	34-1759655		28,767	0	N/A	N/A	SUB-AWARD

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SIERRA NEVADA CORPORATION 18635 JARKEY DR HAGERSTOWN, MD 21742	88-0094415		420,319	0	N/A	N/A	SUB-AWARD
SIGNAL SYSTEMS CORPORATION 1127 B BENFIELD BOULEVARD MILLERSVILLE, MD 21108	52-1943944		235,993	0	N/A	N/A	SUB-AWARD

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SILVUS TECHNOLOGIES INC 10990 WILSHIRE BLVD LOS ANGELES, CA 90024	20-0140229		24,855	0	N/A	N/A	SUB-AWARD
SIMULATION SYSTEMS TECHNOLOGIES INC 703 WHITE HORSE RD VOORHEES, NJ 08043	22-2818966		926,529	0	N/A	N/A	SUB-AWARD

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SINAI HOSPITAL 2401 W BELVEDERE AVE BALTIMORE, MD 21215	52-0486540	501(C)(3)	141,628	0	N/A	N/A	SUB-AWARD
SMITH COLLEGE 10 COLLEGE HALL NORTHAMPTON, MA 01063	04-1843040	501(C)(3)	29,045	0	N/A	N/A	SUB-AWARD

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SMITHSONIAN ASTROPHYSICAL OBSERVATORY 60 GARDEN STREET CAMBRIDGE, MA 021381516	53-0206027	501(C)(3)	7,024,917	0	N/A	N/A	SUB-AWARD
SOLAERO TECHNOLOGIES CORPORATION 10420 RESEARCH ROAD SE ALBUQUERQUE, NM 871233452	47-1941203		2,839,621	0	N/A	N/A	SUB-AWARD

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SONALYSTS INC 215 PARKWAY NORTH WATERFORD, CT 063850280	06-0902362		782,062	0	N/A	N/A	SUB-AWARD
SONAR-SYNESTHETICS LLC 4274 PILON PT SAN DIEGO, CA 92130	82-1901310		64,952	0	N/A	N/A	SUB-AWARD

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SONOMA TECHNOLOGY INC 1455 N MCDOWELL BLVD STE D PETALUMA, CA 94954	94-2824807		35,274	0	N/A	N/A	SUB-AWARD
SOUTHWEST RESEARCH INSTITUTE 6220 CULEBRA ROAD SAN ANTONIO, TX 78238	74-1070544	501(C)(3)	1,580,007	0	N/A	N/A	SUB-AWARD

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SPACE ENVIRONMENT TECHNOLOGIES 1676 PALISADES DRIVE PACIFIC PALISADES, CA 90272	20-3861709		33,560	0	N/A	N/A	SUB-AWARD
SPACE POWER ELECTRONICS INC 108 AUDREY WAY KATHLEEN, GA 31047	52-2058211		144,743	0	N/A	N/A	SUB-AWARD

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SPACE SCIENCE INSTITUTE 1234 INNOVATION DRIVE BOULDER, CO 803037814	84-1215290	501(C)(3)	54,246	0	N/A	N/A	SUB-AWARD
SPACE SYSTEMS ANALYSTS 2485 ADELIA LANE WEST CHICAGO, IL 60185	46-1689818		50,649	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
SPATIAL INTEGRATED SYSTEMS INC 9075 SHADY GROVE CT GAITHERSBURG, MD 20877	31-1508233		223,715	0	N/A	N/A	SUB-AWARD
SPECIFICA INC 1512 PACHECO ST UNIT A203 SANTA FE, NM 87505	81-2783778		131,141	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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SPECTRAL SCIENCES INC 4 FOURTH AVENUE BURLINGTON, MA 01803	04-2718570		116,314	0	N/A	N/A	SUB-AWARD
SPECTRAL SENSOR SOLUTIONS LLC 10500 COOPER AVENUE SUITE 1 ALBUQUERQUE, NM 87123	45-5372658		62,510	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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SRA INTERNATIONAL INC PO BOX 34880 ALEXANDRIA, VA 223340880	54-1013306		310,182	0	N/A	N/A	SUB-AWARD
SRI INTERNATIONAL 333 RAVENSWOOD AVENUE MENLO PARK, CA 94025	94-1160950	501(C)(3)	2,386,073	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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ST JOSEPH HOSPITAL AND MEDICAL CTR 1811 W PICO BLVD LOS ANGELES, CA 90074	95-1675600	501(C)(3)	251,990	0	N/A	N/A	SUB-AWARD
ST LOUIS UNIVERSITY 1 N GRAND BLVD ST LOUIS, MO 63103	43-0654872	501(C)(3)	315,808	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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ST ONGE COMPANY 1400 WILLIAMS ROAD YORK, PA 17402	23-2255227		194,268	0	N/A	N/A	SUB-AWARD
STANDARDWORK INC 29 CARTER ST QUINCY, MA 021698949	52-1785250	501(C)(3)	65,933	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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STANFORD UNIVERSITY 651 SERRA ST STANFORD, CA 94305	94-1156365	501(C)(3)	941,443	0	N/A	N/A	SUB-AWARD
STARGATES INC 1100 N GLEBE ROAD ARLINGTON, VA 22203	54-1876344		376,413	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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STARSHIP HEALTH TECHNOLOGIES LLC 2250 HICKORY RD STE 150 PLYMOUTH MEETING, PA 19462	45-2776181		5,478	0	N/A	N/A	SUB-AWARD
STELLAR SOLUTIONS INC 14425 PENROSE PL 400 CHANTILLY, VA 20151	94-3218045		18,013	0	N/A	N/A	SUB-AWARD

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STINGRAY OPTICS LLC 17A BRADCO STREET KEENE, NH 03431	75-3197332		10,000	0	N/A	N/A	SUB-AWARD
STONY BROOK UNIVERSITY 100 NICOLLS RD STONY BROOK, NY 11794	11-2558775	501(C)(3)	422,329	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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STRATEGIC SOLUTIONS INTEGRATED INC 900 NSTUART ST 1415 ARLINGTON, VA 22203	27-4618833		532,092	0	N/A	N/A	SUB-AWARD
STUDENT ACHIEVEMENT PARTNERS INC 75 BROAD ST NEW YORK, NY 10004	27-4556045	501(C)(3)	166,650	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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SUCCESS FOR ALL FOUNDATION 300 E JOPPA RD BALTIMORE, MD 21286	52-2061820	501(C)(3)	53,021	0	N/A	N/A	SUB-AWARD
SUNY UPSTATE 750 E ADAMS ST SYRACUSE, NY 13210	14-1368361	501(C)(3)	54,972	0	N/A	N/A	SUB-AWARD

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SURFACE OPTICS CORPORATION 11555 RANCHO BERNARDO RD SAN DIEGO, CA 921271441	95-3245616		97,968	0	N/A	N/A	SUB-AWARD
SWEDISH HEALTH SERVICES 747 BROADWAY SEATTLE, WA 981224307	91-0433740	501(C)(3)	57,696	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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SYNCOPATED ENGINEERING INC 5520 RESEARCH PARK DR SUITE 100 BALTIMORE, MD 21228	46-0859772		1,150,274	0	N/A	N/A	SUB-AWARD
SYRACUSE UNIVERSITY 113 BOWNE HALE SYRACUSE, NY 132441200	15-0532081	501(C)(3)	18,057	0	N/A	N/A	SUB-AWARD

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SYRIAN AMERICAN MEDICAL SOCIETY 1012 14TH ST NW STE 1500 WASHINGTON, DC 20005	16-1717058	501(C)(3)	21,778	0	N/A	N/A	SUB-AWARD
SYSTEMS & TECHNOLOGY RESEARCH 600 WEST CUMMINGS PARK WOBURN, MA 01801	27-3556936		36,759	0	N/A	N/A	SUB-AWARD

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SYSTEMS ENGINEERING ASSOCIATES CORP DBA SEA CORP 62 JOHNNY CAKE HILL MIDDLETOWN, RI 02842	05-0392482		17,997	0	N/A	N/A	SUB-AWARD
SYSTEMS ENGINEERING GROUP INC 9861 BROKEN LAND PKWY COLUMBIA, MD 210463049	52-1746775		10,812	0	N/A	N/A	SUB-AWARD

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SYSTEMS PLANNING & ANALYSIS INC 1429 NORTH QUINCY ST ARLINGTON, VA 222073645	52-0956951		118,940	0	N/A	N/A	SUB-AWARD
TACTICAL BLUE LABORATORIES LLC 25618 W 97TH STREET LENEXA, KS 66227	47-2777778		39,507	0	N/A	N/A	SUB-AWARD

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TASC INC 475 AQUIA TOWNE CENTER DRIVE STAFFORD, VA 22554	04-2393618		59,718	0	N/A	N/A	SUB-AWARD
TECH INNOVATIONS LLC 14821 BURNTWOODS ROAD GLENWOOD, MD 21738	14-1998504		230,902	0	N/A	N/A	SUB-AWARD

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TECHNOMICS INC 201 12TH STREET SOUTH SUITE 612 ARLINGTON, VA 22202	77-0023801		22,002	0	N/A	N/A	SUB-AWARD
TELEDYNE INSTRUMENTS 9855 CARROLL CANYON ROAD PALATINE, IL 600554267	95-4888283		78,372	0	N/A	N/A	SUB-AWARD

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TEMPLE UNIVERSITY 3400 N BROAD ST PHILADELPHIA, PA 19140	23-1365971	501(C)(3)	30,415	0	N/A	N/A	SUB-AWARD
TERRACON CONSULTANTS INC PO BOX 959673 ST LOUIS, MO 63195	42-1249917		39,797	0	N/A	N/A	SUB-AWARD

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TETRACORE INC 9901 BELWARD CAMPUS DR ROCKVILLE, MD 20850	52-2112478		61,039	0	N/A	N/A	SUB-AWARD
TEXAS A AND M RESEARCH FOUNDATION 400 HARVEY PKWY S STE 100 COLLEGE STATION, TX 77845	74-2245072	501(C)(3)	336,738	0	N/A	N/A	SUB-AWARD

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TEXAS A&M UNIVERSITY 401 GEORGE BUSH DRIVE COLLEGE STATION, TX 778433127	74-6000531	115	56,771	0	N/A	N/A	SUB-AWARD
TEXAS TECH UNIV HEALTH SCIENCE CTR 3601 4TH ST LUBBOCK, TX 79430	75-6002622	115	90,964	0	N/A	N/A	SUB-AWARD

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THALES COMPONENTS CORPORATION 40 G COMMERCE WAY TOTOWA, NJ 075110540	22-2676541		480,195	0	N/A	N/A	SUB-AWARD
THALES DEFENSE & SECURITY INC 22605 GATEWAY CENTER DRIVE CLARKSBURG, MD 20871	52-0802860		939,237	0	N/A	N/A	SUB-AWARD

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THE ASPEN INSTITUTE PO BOX 873503 TEMPE, AZ 852873503	86-0196696	115	205,788	0	N/A	N/A	SUB-AWARD
THE BOB JOHNSON GROUP LLC 3575 BRIDGE ROAD SUFFOLK, VA 234351356	81-3671404		336,663	0	N/A	N/A	SUB-AWARD

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THE CHICAGO LIGHTHOUSE FOR PEOPLE W 1850 W ROOSEVELT RD CHICAGO, IL 606081200	36-2169139	501(C)(3)	62,305	0	N/A	N/A	SUB-AWARD
THE CLEVELAND CLINIC FOUNDATION 9500 EUCLID AVE CLEVELAND, OH 441950001	34-0714585	501(C)(3)	35,759	0	N/A	N/A	SUB-AWARD

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THE GASTON AND PORTER HEALTH IMPROVEMENT CENTER INC 8612 TIMBER HILL LN POTOMAC, MD 20854	03-0455203	501(C)(3)	267,242	0	N/A	N/A	SUB-AWARD
THE GLOBAL KNOWLEDGE INITIATIVE 1200 NEW YORK AVE NW WASHINGTON, DC 20005	27-0559519	501(C)(3)	237,133	0	N/A	N/A	SUB-AWARD

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THE GRANT FOUNDATION 2840 LIBERTY AVE STE 201 PITTSBURGH, PA 15222	25-1017587	501(C)(3)	70,104	0	N/A	N/A	SUB-AWARD
THE NEMOURS FOUNDATION 10140 CENTURION PKWY N JACKSONVILLE, FL 32256	59-0634433	501(C)(3)	43,342	0	N/A	N/A	SUB-AWARD

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THE PARKER GROUP INC 4541 AUKUU ROAD KEKAHA, HI 967521132	73-1533250		1,471,918	0	N/A	N/A	SUB-AWARD
THE SURVICE ENGINEERING COMPANY LLC 4695 MILLENNIUM DRIVE BELCAMP, MD 21017	20-8268821		921,045	0	N/A	N/A	SUB-AWARD

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THINK-A-MOVE LTD 23307 COMMERCE PARK BEACHWOOD, OH 44122	34-1905083		13,901	0	N/A	N/A	SUB-AWARD
THOMAS JEFFERSON UNIVERSITY 1020 WALNUT ST PHILADELPHIA, PA 19107	23-1352651	501(C)(3)	84,598	0	N/A	N/A	SUB-AWARD

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TIER TECH INTERNATIONAL INC 1750 TYSONS BLVD MCLEAN, VA 22102	20-0426303		476,414	0	N/A	N/A	SUB-AWARD
TINI AEROSPACE INC 2505 KERNER BLVD SAN RAFAEL, CA 94901	94-3238593		8,393	0	N/A	N/A	SUB-AWARD

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TJ GREEN ASSOCIATES LLC 739 REDFERN LANE BETHLEHEM, PA 18017	20-4267900		7,663	0	N/A	N/A	SUB-AWARD
TOVA COMMUNITY HEALTH INC 4011 N MARKET ST WILMINGTON, DE 19802	35-2419176	501(C)(3)	13,409	0	N/A	N/A	SUB-AWARD

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TOWSON UNIVERSITY 8000 YORK RD TOWSON, MD 21252	52-0939453	115	46,590	0	N/A	N/A	SUB-AWARD
TREATMENT RESEARCH INSTITUTE 150 S INDEPENDENCE MALL WEST PHILADELPHIA, PA 19106	23-2662976	501(C)(3)	54,021	0	N/A	N/A	SUB-AWARD

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TRIDENT ALLIANCE CORPORATION LLC 5190 NEIL ROAD SUITE 430 RENO, NV 89502	45-1017610		18,000	0	N/A	N/A	SUB-AWARD
TRUSTEES OF COLUMBIA UNIVERSITY 615 WEST 131ST STREET MC B741 NEW YORK, NY 10087	13-5598093	501(C)(3)	1,373,708	0	N/A	N/A	SUB-AWARD

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TRUVEN HEALTH ANALYTICS INC 6200 S SYRACUSE WAY STE 300 GREENWOOD VILLAGE, CO 801114740	06-1467923		163,836	0	N/A	N/A	SUB-AWARD
TUFTS MEDICAL CENTER 800 WASHINGTON ST BOSTON, MA 02111	04-3400617	501(C)(3)	1,686,197	0	N/A	N/A	SUB-AWARD

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TUFTS UNIVERSITY 169 HOLLAND ST SUMERVILLE, MA 02144	04-2103634	501(C)(3)	96,411	0	N/A	N/A	SUB-AWARD
TULANE UNIVERSITY 800 E COMMERCE RD STE 203 HARAHAN, LA 70123	72-0423889	501(C)(3)	1,909,451	0	N/A	N/A	SUB-AWARD

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UAV SOLUTIONS INC 4055 WHEATLAND CT HAMPSTEAD, MD 21074	20-5486223		157,487	0	N/A	N/A	SUB-AWARD
ULTRA ELECTRONICSFLIGHTLINE SYSTEMS 7625 OMNITECH PLACE VICTOR, NY 145649795	16-1363257		8,937	0	N/A	N/A	SUB-AWARD

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UNCONFERENCENET 2408 EAST VALLEY SEATTLE, WA 98112	46-0711708		17,612	0	N/A	N/A	SUB-AWARD
UNDERSEA SENSOR SYSTEMS INC PO BOX 405325 ATLANTA, GA 303845325	35-2062560		318,913	0	N/A	N/A	SUB-AWARD

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UNITED STATES MARINE INC 10011 LORRAINE ROAD GULFPORT, MS 39503	72-1002525	501(C)(1)	12,719	0	N/A	N/A	SUB-AWARD
UNITED STATES NAVAL ACADEMY ALUMNI ASSOCIATION 247 KING GEORGE ST ANNAPOLIS, MD 214021306	52-0548411	501(C)(3)	266,845	0	N/A	N/A	SUB-AWARD

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(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNITED TECHNOLOGIES RESEARCH CENTER 411 SILVER LANE EAST HARTFORD, CT 06108	06-0570975		136,424	0	N/A	N/A	SUB-AWARD
UNIVERSIDAD CENTRAL DEL CARIBE PO BOX 60327 BAYAMON PUERTO RICO, PR 009606032	66-0349669	501(C)(3)	62,061	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITIES SPACE RESEARCH ASSOCIATION 7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MD 21046	52-0892064	501(C)(3)	60,125	0	N/A	N/A	SUB-AWARD
UNIVERSITY CORP FOR ATMOSPHERIC RESEARCH 3090 CENTER GREEN DRIVE BOULDER, CO 803012252	84-0412668	501(C)(3)	87,206	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY HOSPITALS CLEVELAND MEDICAL CENTER 11100 EUCLID AVE CLEVELAND, OH 44106	34-1567805	501(C)(3)	188,264	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF ALABAMA PO BOX 870104 TUSCALOOSA, AL 345870104	63-6063964	115	1,347,074	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF ALABAMA IN HUNTSVILLE 301 SPARKMAN DR HUNTSVILLE, AL 35899	63-0520830	115	71,983	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF ALASKA 903 KOYUKUK DR FAIRBANKS, AK 997757320	92-6000147	115	40,315	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF ARIZONA 1303 E UNIVERSITY BLVD TUCSON, AZ 85719	74-2652689	115	139,132	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF ARIZONA FOUNDATION PO BOX 3308 TUCSON, AZ 857223308	86-6050388	501(C)(3)	86,917	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF ARKANSAS 4301 W MARKHAM ST SLOT 545 LITTLE ROCK, AR 72205	71-6003252	115	126,735	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF CALIFORNIA AT DAVIS 1850 RESEARCH PARK DR WEST SACRAMENTO, CA 95798	94-6036494	501(C)(3)	429,081	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF CALIFORNIA BERKELEY 2150 SHATTUCK AVE BERKELEY, CA 974045940	94-6002123	501(C)(3)	4,799,540	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF CALIFORNIA IRVINE 115 ADMINISTRATION BLDG IRVINE, CA 926971875	95-2540117	501(C)(3)	336,046	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF CALIFORNIA LOS ANGELES PO BOX 951406 LOS ANGELES, CA 90095	95-6006143	501(C)(3)	2,654,470	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF CALIFORNIA SAN DIEGO 9500 GILMAN DR LA JOLLA, CA 920930934	95-6006144	501(C)(3)	2,272,806	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF CALIFORNIA SAN FRANCISCO 3333 CALIFORNIA ST SAN FRANCISCO, CA 94118	68-0000845	501(C)(3)	3,584,085	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF CALIFORNIA SANTA BARBARA 3227 CHEADLE HALL SANTA BARBARA, CA 93106	95-6006145	501(C)(3)	363,768	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF CALIFORNIA SANTA CRUZ 1156 HIGH ST SANTA CRUZ, CA 95064	94-1539563	501(C)(3)	39,452	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF CENTRAL FLORIDA 4000 CENTRAL FLORIDA BLVD ORLANDO, FL 328263249	59-6001874	115	27,108	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF CHICAGO 6030 S ELLIS AVE CHICAGO, IL 60637	36-2177139	501(C)(3)	720,089	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF CINCINNATI 260 STETSON ST STE 2200 CINCINNATI, OH 452670574	31-6000989	115	49,204	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF COLORADO DENVER 1800 N GRANT ST STE 400 DENVER, CO 80203	84-6000555	115	1,645,150	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF CONNECTICUT 263 FARMINGTON AVE UNIT MC5335 FARMINGTON, CT 06030	23-7187838	115	187,100	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF DELAWARE 224 HULLIHEN HALL NEWARK, DE 19716	51-6000297	501(C)(3)	1,633,558	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF FLORIDA 2046 NE WALDO RD GAINESVILLE, FL 32609	59-6002052	115	307,199	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION 456 E BROAD ST ATHENS, GA 306027411	58-1353149	501(C)(3)	392,721	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF HAWAII 2425 CAMPUS ROAD HONOLULU, HI 968164421	99-6000354	115	166,682	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF HAWAII FOUNDATION 2444 DOLE STREET HONOLULU, HI 96822	99-0085260	501(C)(3)	19,561	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF HOUSTON 316 E CULLEN HOUSTON, TX 972042015	23-7281200	501(C)(3)	66,486	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF ILLINOIS 1901 S 1ST ST CHAMPAIGN, IL 618207406	37-6000511	115	678,712	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF IOWA 100 LEVITT CENTER IOWA CITY, IA 52242	42-6004813	115	2,217,130	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF IOWA FOUNDATION ONE WEST PARK ROAD IOWA CITY, IA 52242	42-0796760	501(C)(3)	525,230	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF KANSAS MEDICAL CENTER 3901 RAINBOW BLVD KANSAS CITY, KS 66160	48-1108830	501(C)(3)	73,464	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION 114 KINKEAD HALL LEXINGTON, KY 405060057	61-6033693	501(C)(3)	10,903	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF LOUISIANA AT LAFAYETTE 104 UNIV CIR STE 338 LAFAYETTE, LA 70403	72-6000820	115	627,346	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF LOUISVILLE 501 E BROADWAY LOUISVILLE, KY 40202	61-1014882	115	28,903	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF MAINE SYSTEM 5717 CORBETT HALL ORONO, ME 044695717	01-6000769	115	11,619	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF MARYLAND 7809 REGENTS DR COLLEGE PARK, MD 20742	52-6002033	115	5,392,098	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF MASSACHUSETTS 600 SUFFOLK ST SUITE 160 LOWELL, MA 01854	04-3167352	115	488,310	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF MIAMI 1638 NW 10TH AVE MIAMI, FL 33136	59-0624458	501(C)(3)	220,785	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF MICHIGAN 3003 S STATE ST ANN ARBOR, MI 48109	38-6006309	115	8,074,882	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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UNIVERSITY OF MINNESOTA 20 COFFEY HALL ST PAUL, MN 55108	41-6007513	115	3,078,931	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF MINNESOTA PHYSICIANS 200 OAK ST SE MINNEAPOLIS, MN 554552070	41-1843943	115	1,509,284	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF MISSISSIPPI PO BOX 1848 UNIVERSITY, MS 38677	31-1813143	501(C)(3)	53,088	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER RESEARCH DEVELOPMENT FOUNDATION 2500 NORTH STATE ST JACKSON, MS 392164505	64-0938566	115	383,288	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF MISSOURI COLUMBIA 310 JESSE HALL COLUMBIA, MO 65211	43-6006309	115	105,037	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF MONTANA 32 CAMPUS DR 3104 MISSOULA, MT 598124104	81-6001713	115	81,939	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF NEBRASKA MEDICAL CENTER S 42ND ST EMILE ST OMAHA, NE 68198	47-0049123	501(C)(3)	123,569	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF NEW HAMPSHIRE 39 COLLEGE RD DURHAM, NH 038243585	02-6000937	115	2,717,316	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF NEW MEXICO 1155 UNIVERSITY BLVD SE ALBUQUERQUE, NM 871064320	85-6000642	115	72,087	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF NORTH CAROLINA 400 W FRANKLIN ST CHAPEL HILL, NC 27599	56-6001393	115	1,904,411	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF NOTRE DAME DU LAC 731 GRACE HALL NOTRE DAME, IN 46556	35-0868188	501(C)(3)	66,073	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF OKLAHOMA 660 PARRINGTON OVA NORMAN, OK 73019	73-1377584	115	53,887	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF OREGON HEALTH SCIENCES DEPT OF ANESTHESIAS 3181 SW SAMUEL JACKSON PORTLAND, OR 97201	51-0151916	115	1,555,373	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF PENNSYLVANIA 125 S 31ST ST STE 2000 PHILADELPHIA, PA 19104	23-1352685	501(C)(3)	1,368,538	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF PITTSBURGH 130 DESOTO ST A428 CRABTREE HALL PITTSBURGH, PA 15261	25-0965591	501(C)(3)	1,579,502	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF PUERTO RICO 14 AVE UNIVERSIDAD STE 1401 SAN JUAN, PR 00936	66-0433762	115	98,048	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF ROCHESTER 300 EAST RIVER ROAD ROCHESTER, NY 14627	16-0743209	501(C)(3)	179,123	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF SOUTH CAROLINA 915 GREENE ST STE 241 COLUMBIA, MD 29208	56-6001153	115	98,627	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF SOUTH FLORIDA 3650 SPECTRUM BLVD TAMPA, FL 336129446	59-3102112	115	127,801	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF SOUTHERN CALIFORNIA 2250 ALCAZAR ST LOS ANGELES, CA 90033	95-1642394	501(C)(3)	798,593	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF TENNESSEE 877 MADISON AVE MEMPHIS, TN 38163	62-6001636	115	144,924	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF TEXAS AT AUSTIN 101 E 27TH STREET AUSTIN, TX 78712	74-6000203	115	99,967	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF TEXAS AT DALLAS 800 W CAMPBELL RD RICHARDSON, TX 75080	75-2801470	115	81,448	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF TEXAS AT EL PASO 500 W UNIVERSITY AVE EL PASO, TX 79968	74-6000813	115	39,532	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF TEXAS AT SAN ANTONIO ONE UTSA CIRCLE SAN ANTONIO, TX 78249	74-1686031	115	248,751	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF TEXAS AT TYLER 3900 UNIVERSITY BLVD TYLER, TX 75799		115	91,259	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF TEXAS FOUNDATION 101 E 27TH ST STOP A9000 AUSTIN, TX 78712	74-1587488	501(C)(3)	262,503	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF TEXAS HEALTH SCIENCE 7000 FANNIN ST HOUSTON, TX 77030	74-1761309	115	442,799	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF TEXAS MEDICAL BRANCH 301 UNIVERSITY BLVD GALVESTON, TX 77555	74-6000949	115	110,783	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF TEXAS SOUTHWESTERN 5323 HARRY HINES BLVD DALLAS, TX 75390	75-3175630	115	480,503	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF UTAH 175 NORTH MEDICAL DR 3RD FL SALT LAKE CITY, UT 84132	87-6000525	115	359,186	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF VERMONT 231 ROWELL BLDG BURLINGTON, VT 05405	03-0179440	115	2,051,317	0	N/A	N/A	SUB-AWARD

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UNIVERSITY OF VIRGINIA 351 MCCORMICK ROAD CHARLOTTESVILLE, VA 229047451	54-6001796	115	2,506,987	0	N/A	N/A	SUB-AWARD
UNIVERSITY OF WASHINGTON 2815 EASTLAKE AVE E STE 200 SEATTLE, WA 98102	91-6001537	115	1,571,639	0	N/A	N/A	SUB-AWARD

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UNIVERSITY OF WISCONSIN 21 N PARK ST STE 601 MADISON, WI 537151218	39-1805963	115	1,021,726	0	N/A	N/A	SUB-AWARD
URBAN INSTITUTE 2100 M ST NW - 5TH FLOOR WASHINGTON, DC 20037	52-0880375	501(C)(3)	220,051	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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URS FEDERAL SERVICES INC 20501 SENECA MEADOWS PARKWAY GERMANTOWN, MD 20876	27-1628265		17,944	0	N/A	N/A	SUB-AWARD
US ARMY RESEARCH LABORATORY 2800 POWDER MILL RD ADELPHI, MD 207831197	53-0215803	501(C)(1)	300,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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US GEOLOGICAL SURVEY PO BOX 25286 DENVER, CO 80225	53-0196958	501(C)(1)	174,716	0	N/A	N/A	SUB-AWARD
US VIRGIN ISLANDS HEMATOLOGY 9150 ESTATE THOMAS STE 202 ST THOMAS, VI 00802	66-0688544		18,899	0	N/A	N/A	SUB-AWARD

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UTAH STATE UNIV RESEARCH FOUNDATION 1695 NORTH RESEARCH PARK WAY NORTH LOGAN, UT 84341	87-0276385	501(C)(3)	172,491	0	N/A	N/A	SUB-AWARD
UT-BATTELLE LLC ONE BETHEL VALLEY ROAD OAK RIDGE, TN 37831	62-1788235	501(C)(1)	354,000	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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V1 ANALYTICAL SOLUTIONS LLC 3107 NORTH OAKLAND STREET ARLINGTON, VA 222075370	27-1131738		158,069	0	N/A	N/A	SUB-AWARD
VACCO INDUSTRIES 10350 VACCO ST SOUTH EL MONTE, CA 91733	95-1793306		180,001	0	N/A	N/A	SUB-AWARD

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VANDERBILT UNIVERSITY 3319 W END AVE NASHVILLE, TN 372036840	62-0476822	501(C)(3)	873,318	0	N/A	N/A	SUB-AWARD
VANTAGE SYSTEMS INC 10210 GREENBELT ROAD LANHAM, MD 20706	52-1795685		998,009	0	N/A	N/A	SUB-AWARD

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VAPORSENS INC 36 S WASATCH DR SMBB 5527 SALT LAKE CITY, UT 84112	45-3734634		107,574	0	N/A	N/A	SUB-AWARD
VENCORE SERVICES AND SOLUTIONS INC 11091 SUNSET HILLS ROAD RESTON, VA 201905378	61-1493470		85,182	0	N/A	N/A	SUB-AWARD

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VENTUS EXECUTIVE SOLUTIONS LLC DBA VES 8116 ARLINGTON BLVD SUITE 145 FALLS CHURCH, VA 22042	27-2771768		1,032,959	0	N/A	N/A	SUB-AWARD
VETERANS BIO-MEDICAL RESEARCH INSTITUTE 385 TREMONT AVE 15 BLDG 11 RM 117B EAST ORANGE, NJ 070181023	22-2995785	501(C)(3)	146,679	0	N/A	N/A	SUB-AWARD

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VIRGINIA COMMONWEALTH UNIVERSITY 1015 FLOYD AVE RICHMOND, VA 23284	54-6001758	115	232,146	0	N/A	N/A	SUB-AWARD
VIRGINIA POLYTECHNIC 460 TURNER ST BLACKSBURG, VA 24060	54-6001805	501(C)(3)	207,053	0	N/A	N/A	SUB-AWARD

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VIRGINIA TECH APPLIED RESEARCH CORPORATION 2000 KRAFT DRIVE BLACKSBURG, VA 24060	27-1585738	501(C)(3)	540,100	0	N/A	N/A	SUB-AWARD
VISITING NURSE SERVICE OF NEW YORK 107 E 70TH ST NEW YORK, NY 100214990	13-3189926	501(C)(3)	166,222	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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VISTOLOGY INC 5 MOUNTAINVIEW DRIVE FRAMINGHAM, MA 017013000	04-3377745		12,030	0	N/A	N/A	SUB-AWARD
VOTAW PRECISION TECHNOLOGIES 13513 LAKELAND ROAD SANTA FE SPRINGS, CA 90670	93-0976694		179,658	0	N/A	N/A	SUB-AWARD

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VOXELERON LLC 2751 LOTUS ST PLEASANTON, CA 94588	27-3296128		6,273	0	N/A	N/A	SUB-AWARD
VULNERABILITY ANALYTICS INTERNATIONAL 3124 ST CHARLES PLACE ELLCOTT CITY, MD 21042	46-3549020		198,666	0	N/A	N/A	SUB-AWARD

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
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VULNERABILITY RESEARCH LABS LLC 10500 LITTLE PATUXENT PKWY 500 COLUMBIA, MD 21044	27-3519000		258,175	0	N/A	N/A	SUB-AWARD
WAKE FOREST UNIVERSITY HEALTH SCIENCES 1834 WAKE FOREST RD WINSTONSALEM, NC 27157	22-3849199	501(C)(3)	1,169,158	0	N/A	N/A	SUB-AWARD

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WASHINGTON STATE UNIVERSITY PO BOX 641025 PULLMAN, WA 991641025	91-6001108	115	46,945	0	N/A	N/A	SUB-AWARD
WASHINGTON STATE UNIVERSITY FOUNDATION PO BOX 641039 PULLMAN, WA 991641039	91-1075542	501(C)(3)	121,319	0	N/A	N/A	SUB-AWARD

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WASHINGTON UNIVERSITY 700 ROSEDALE AVE CB 1034 ST LOUIS, MO 63112	43-0653611	115	1,195,666	0	N/A	N/A	SUB-AWARD
WAYNE STATE UNIVERSITY 5057 WOODWARD AVENUE DETROIT, MI 482024050	38-6028429	501(C)(3)	655,052	0	N/A	N/A	SUB-AWARD

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WAYWARD GIRLS TV SERIES 8518 LINWOOD DR EILLICOTT CITY, MD 21043	82-0598220		10,000	0	N/A	N/A	SUB-AWARD
WEATHER GAGE TECHNOLOGIES LLC 2709 THYME DR EDGEWATER EDGEWATER, MD 21037	82-0648446		114,388	0	N/A	N/A	SUB-AWARD

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WEST VIRGINIA COALITION AGAINST DOMESTIC VIOLENCE INC 5004 ELK RIVER RD SOUTH ELKVIEW, WV 25071	31-1011750	501(C)(3)	159,178	0	N/A	N/A	SUB-AWARD
WEST VIRGINIA UNIVERSITY 660 S EUCLID AVE ST LOUIS, MO 63110	43-0653611	115	244,239	0	N/A	N/A	SUB-AWARD

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WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION 3208 ONE WATERFRONT PLACE MORGANTOWN, WV 26506	55-0665758	115	863,813	0	N/A	N/A	SUB-AWARD
WESTAT CORPORATION 1650 RESEARCH BLVD ROCKVILLE, MD 20850	84-0529566		6,511,278	0	N/A	N/A	SUB-AWARD

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WHEATON COLLEGE 26 E MAIN STREET NORTON, MA 027662322	04-2103638	501(C)(3)	76,032	0	N/A	N/A	SUB-AWARD
WHEATON COLLEGE 501 COLLEGE AVE WHEATON, IL 60187	36-2182171	501(C)(3)	18,900	0	N/A	N/A	SUB-AWARD

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WHITMAN WALKER CLINIC INC 1701 14TH ST WASHINGTON, DC 20009	52-1122122	501(C)(3)	835,595	0	N/A	N/A	SUB-AWARD
WILLIAM JOSEPH SIMONE INC 18815 NW 2ND STREET PEMBROKE PINES, FL 330293278	27-1682081	501(C)(3)	71,393	0	N/A	N/A	SUB-AWARD

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WILLOWVIEW CONSULTING LLC 25850 KINGSBURY ROAD MIDDLETON, ID 836445349	26-2420069		241,015	0	N/A	N/A	SUB-AWARD
WOODS HOLE OCEANOGRAPHIC INSTITUTION 183 OYSTER POND ROAD WOODS HOLE, MA 02543	04-2105850	501(C)(3)	301,450	0	N/A	N/A	SUB-AWARD

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WRIGHT STATE UNIVERSITY 3640 COLONEL GLENN HWY DAYTON, OH 454350001	31-0732831	115	15,194	0	N/A	N/A	SUB-AWARD
YALE UNIVERSITY 2 WHITNEY AVE 6TH FL NEW HAVEN, CT 06510	06-0646973	501(C)(3)	513,603	0	N/A	N/A	SUB-AWARD

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YESPLEASETHANKYOU 458 ALVARADO ST SAN FRANCISCO, CA 941143305	82-1559738		75,000	0	N/A	N/A	SUB-AWARD
YOMDLE INC 25 PONY LN ROLLING HILLS ESTATES, CA 902744132	81-2540115		248,524	0	N/A	N/A	SUB-AWARD

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ZEDSOFT LLC 300 W LOMBARD STREET BALTIMORE, MD 20201	81-2473951		165,283	0	N/A	N/A	SUB-AWARD
ZEL TECHNOLOGIES LLC PO BOX 101624 ATLANTA, GA 303921624	54-1788344		158,854	0	N/A	N/A	SUB-AWARD

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AMERICAN HEART ASSOCIATION 217 E REDWOOD ST STE 2300 BALTIMORE, MD 21202	52-0607918	501(C)(3)	21,000	0	N/A	N/A	CONTRIBUTION
ASSOCIATED BLACK CHARITIES INC 1114 CATHEDRAL ST BALTIMORE, MD 21201	52-1427774	501(C)(3)	16,500	0	N/A	N/A	CONTRIBUTION

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BALTIMORE CITY FOUNDATION 100 N HOLLIDAY ST RM 400 BALTIMORE, MD 21202	52-1212473	501(C)(3)	21,500	0	N/A	N/A	CONTRIBUTION
BANNER NEIGHBORHOODS COMMUNITY CORPORATION 2911 PULASKI HWY BALTIMORE, MD 21224	52-1336621	501(C)(3)	15,000	0	N/A	N/A	CONTRIBUTION

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BETAMORE 1111 LIGHT ST 4TH FLR BALTIMORE, MD 21230	52-2156026	501(C)(3)	10,000	0	N/A	N/A	CONTRIBUTION
BOY SCOUTS OF AMERICA 701 WYMNAN PARK DR BALTIMORE, MD 21211	52-0591512	501(C)(3)	20,250	0	N/A	N/A	CONTRIBUTION

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BUILDING CONGRESS AND EXCHANGE OF BALTIMORE INC 6030 MARSHALEE DR ELKRIDGE, MD 210755987	52-0258830	501(C)(3)	16,050	0	N/A	N/A	CONTRIBUTION
CHARLES VILLAGE COMMUNITY BENEFITS DISTRICT 2434 ST PAUL STREET BALTIMORE, MD 21218	52-1924284	115	68,340	0	N/A	N/A	CONTRIBUTION

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CHESAPEAKE BAY FOUNDATION 6 HERNDON AVE ANNAPOLIS, MD 21403	52-6065757	501(C)(3)	7,500	0	N/A	N/A	CONTRIBUTION
DIRECT RELIEF 27 S LA PATERA SANTA BARBARA, CA 93117	95-1831116	501(C)(3)	15,000	0	N/A	N/A	CONTRIBUTION

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EAST BALTIMORE COMMUNITY SCHOOL 2800 N CHARLES STREET BALTIMORE, MD 21218	26-4739632	501(C)(3)	755,154	5,154	BOOK	CLASSROOM SUPPLIES	CONTRIBUTION
EAST BALTIMORE DEVEOPMENT CORPORATION 1731 EAST CHASE STREET BALTIMORE, MD 21213	27-0037508	501(C)(3)	928,000	0	N/A	N/A	CONTRIBUTION

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FAMILY TREE INC 2108 N CHARLES STREET BALTIMORE, MD 21218	52-1110645	501(C)(3)	10,500	0	N/A	N/A	CONTRIBUTION
FOUNDATION FOR THE BALTIMORE 128 W FRANKLIN ST BALTIMORE, MD 21201	26-2221540	501(C)(3)	15,000	0	N/A	N/A	CONTRIBUTION

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FREESTATE LEGAL PROJECT INC 2526 SAINT PAUL ST BALTIMORE, MD 212184982	26-2174290	501(C)(3)	10,000	0	N/A	N/A	CONTRIBUTION
FRIENDS OF FORT MCHENRY 2400 E FORT AVE BALTIMORE, MD 21230	52-2060624	501(C)(3)	6,000	0	N/A	N/A	CONTRIBUTION

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FRIENDS OF THE NATIONAL INSTITUTE OF NURSING RESEARCH 47595 WATKINGS ISLAND SQUARE STERLING, VA 20165	52-1832014	501(C)(3)	10,500	0	N/A	N/A	CONTRIBUTION
GAITHERSBURG GERMANTOWN CHAMBER 910 CLOPPER RD STE 205N GAITHERSBURG, MD 20878	52-1077028	501(C)(6)	6,600	0	N/A	N/A	CONTRIBUTION

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(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
GORDON RESEARCH CONFERENCES 512 LIBERTY LN WEST KINGSTON, CT 028921502	26-0150662	501(C)(3)	25,000	0	N/A	N/A	CONTRIBUTION
GREATER BALTIMORE COMMITTEE 111 S CALVERT ST STE 1700 BALTIMORE, MD 21202	52-0645650	501(C)(4)	13,250	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
GREATER BALTIMORE URBAN LEAGUE INC 512 ORCHARD ST BALTIMORE, MD 212011947	52-0591585	501(C)(3)	7,500	0	N/A	N/A	CONTRIBUTION
HABITAT FOR HUMANITY OF THE CHEASPEAKE INC 3741 COMMERCE DR BALTIMORE, MD 21227	52-1226188	501(C)(3)	18,000	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
HEALTH CARE FOR THE HOMELESS INC 421 FALLSWAY BALTIMORE, MD 21202	52-1576404	501(C)(3)	12,000	0	N/A	N/A	CONTRIBUTION
INTERNATIONAL RESCUE COMMITTEE 122 E 42ND ST 14TH FLR NEW YORK, NY 10168	13-5660870	501(C)(3)	9,054	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
JDRF GREATER CHESAPEAKE AND POTOMAC CHAPTER 891 ELKRIDGE LANDING RD LINTHICUM, MD 21090	23-1907729	501(C)(3)	10,000	0	N/A	N/A	CONTRIBUTION
KABOOM INC 4301 CONNECTICUT AVE STE ML-1 WASHINGTON, DC 20008	52-1970904	501(C)(3)	10,000	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
LEUKEMIA AND LYMPHOMA SOCIETY 100 PAINTERS MILL RD STE 800 OWINGS MILL, MD 21117	13-5644916	501(C)(3)	5,625	0	N/A	N/A	CONTRIBUTION
LITTLE PEOPLE OF AMERICA 617 BROADWAY 518 SONOMA, CA 95476	94-2965067	501(C)(3)	9,000	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
LIVE BALTIMORE HOME CENTER 343 N CHARLES ST 1ST FLR BALTIMORE, MD 21201	04-3627393	501(C)(3)	10,000	0	N/A	N/A	CONTRIBUTION
MAKER MEDIA INC 1700 MONTGOMERY STREET SUITE 240 SAN FRANCISCO, CA 94111	46-1585135		6,000	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MARIAN HOUSE INC 949 GORSUCH AVE BALTIMORE, MD 21218	52-1243849	501(C)(3)	6,000	0	N/A	N/A	CONTRIBUTION
MARYLAND CHAMBER OF COMMERCE 60 WEST STREET ANNAPOLIS, MD 214012479	52-1784310	501(C)(6)	13,500	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MARYLAND TECHNOLOGY DEVELOPMENT 7021 COLUMBIA GATEWAY DR STE 200 COLUMBIA, MD 21046	52-2177960	115	200,000	0	N/A	N/A	CONTRIBUTION
MD WASHINGTON MINORITY CONTRACTORS PO BOX 29602 BALTIMORE, MD 21216	11-3692711	501(C)(6)	10,000	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MONTGOMERY COUNTY CHAMBER 51 MONROE ST STE 1800 ROCKVILLE, MD 20850	52-0735621	501(C)(6)	17,458	0	N/A	N/A	CONTRIBUTION
NATIONAL ACADEMY OF SCIENCES 500 FIFTH ST NW RM 836 WASHINGTON, DC 20001	53-0196932	501(C)(3)	15,000	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
NATIONAL KIDNEY FOUNDATION 1301 YORK RD STE 209 LUTHERVILLE, MD 21093	52-6069952	501(C)(3)	10,000	0	N/A	N/A	CONTRIBUTION
ORTHOPAEDIC RESEARCH AND EDUCATION FOUNDATION 9400 W HIGGINS RD ROSEMONT, IL 60018	36-6009467	501(C)(3)	5,800	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
RADIOLOGICAL SOCIETY OF NORTH AMERICA 820 JORIE BLVD OAK BROOK, IL 60523	15-0539115	501(C)(3)	10,000	0	N/A	N/A	CONTRIBUTION
REGINALD F LEWIS MUSEUM 830 E PRATT ST BALTIMORE, MD 21202	52-2107879	501(C)(3)	13,750	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
RONALD MCDONALD HOUSE 635 W LEXINGTON ST BALTIMORE, MD 21201	52-1184957	501(C)(3)	10,000	0	N/A	N/A	CONTRIBUTION
SOUTHEAST COMMUNITY DEVELOPMENT 3323 EASTERN AVE STE 200 BALTIMORE, MD 212244109	52-1034466	501(C)(3)	50,000	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
STRONG CITY BALTIMORE INC 3503 N CHARLES ST BALTIMORE, MD 212182405	52-0897806	501(C)(3)	185,800	0	N/A	N/A	CONTRIBUTION
THE BALTIMORE SUN MEDIA GROUP PO BOX 1377 BALTIMORE, MD 212031377	95-4066880		7,500	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
THE CENTRAL BALTIMORE PARTNERSHIP 25 EAST 20TH STREET BALTIMORE, MD 21218	26-2842736	501(C)(3)	9,000	0	N/A	N/A	CONTRIBUTION
THE PRODUCERS CLUB OF MARYLAND 107 E READ STREET BALTIMORE, MD 21202	52-1828837	501(C)(3)	17,500	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
THE UNITED WAY OF CENTRAL MD INC 1800 WASHINGTON BLVD STE 340 BALTIMORE, MD 21230	52-0591543	501(C)(3)	7,500	0	N/A	N/A	CONTRIBUTION
WATERFRONT PARTNERSHIP OF BALTIMORE 650 S EXETER ST BALTIMORE, MD 21202	20-3682821	501(C)(3)	11,250	0	N/A	N/A	CONTRIBUTION

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
BLUE FLOWER ARTS LLC PO BOX 1361 MILLBROOK, NY 125451361	14-1980016		52,129	0	N/A	N/A	HONORARIUM
BRENTANO STRING QUARTET LTD 420 RIVERSIDE DR 10-E NEW YORK, NY 10025	26-2797405	501(C)(3)	7,000	0	N/A	N/A	HONORARIUM

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
DISCERN LLC 1120 N CHARLES ST STE 200 BALTIMORE, MD 21201	20-1388323		5,654	0	N/A	N/A	HONORARIUM
KEPPLER ASSOCIATES INC 3030 CLARENDON BLVD 7TH FL ARLINGTON, VA 22201	52-1281937		12,000	0	N/A	N/A	HONORARIUM

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
LAVIN AGENCY INC 1133 BROADWAY STE 1229 NEW YORK, NY 10010	04-3415206		42,000	0	N/A	N/A	HONORARIUM
ORATION SERVICES INC 1530 SE 30TH AVE PORTLAND, OR 972144929	46-5619463		12,500	0	N/A	N/A	HONORARIUM

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
PENGUIN RANDOM HOUSE LLC PO BOX 223384 PITTSBURGH, PA 152512384	46-2905685		24,000	0	N/A	N/A	HONORARIUM
SERICE LLC 5020 MILLWOOD LN NW WASHINGTON, DC 20016	82-1146835		20,000	0	N/A	N/A	HONORARIUM

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
THE INCREDIBLE YEARS 1411 8TH AVE WEST SEATTLE, WA 98119	26-4058920		6,376	0	N/A	N/A	HONORARIUM

Schedule J
(Form 990)

Compensation Information

OMB No 1545-0047

- For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees**
- ▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 23.**
▶ **Attach to Form 990.**
- ▶ **Information about Schedule J (Form 990) and its instructions is at www.irs.gov/form990.**

2017

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

Name of the organization
JOHNS HOPKINS UNIVERSITY

Employer identification number

52-0595110

Part I Questions Regarding Compensation

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

- | | |
|---|---|
| <input checked="" type="checkbox"/> First-class or charter travel | <input checked="" type="checkbox"/> Housing allowance or residence for personal use |
| <input checked="" type="checkbox"/> Travel for companions | <input type="checkbox"/> Payments for business use of personal residence |
| <input checked="" type="checkbox"/> Tax indemnification and gross-up payments | <input checked="" type="checkbox"/> Health or social club dues or initiation fees |
| <input type="checkbox"/> Discretionary spending account | <input checked="" type="checkbox"/> 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 No

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

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

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

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

a Receive a severance payment or change-of-control payment?

4a Yes

b Participate in, or receive payment from, a supplemental nonqualified retirement plan?

4b Yes

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

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

a The organization?

5a Yes

b Any related organization?

5b No

If "Yes," on line 5a or 5b, describe in Part III

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

a The organization?

6a Yes

b Any related organization?

6b No

If "Yes," on line 6a or 6b, describe in Part III

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

7 Yes

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

8 Yes

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

9 Yes

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

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

See Additional Data Table

Schedule J (Form 990) 2017

Part III Supplemental Information

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

Return Reference	Explanation
PART I, LINE 1A	FIRST CLASS OR CHARTER TRAVEL THE UNIVERSITY TRAVEL POLICY REQUIRES AIR TRAVEL ACCOMMODATIONS FOR ALL EMPLOYEES TO BE AT THE LOWEST COACH CLASS FARE AVAILABLE THAT MEETS BUSINESS NEEDS THE POLICY DOES ALLOW FOR BUSINESS CLASS AIRFARE ON INTERNATIONAL FLIGHTS, BUT FIRST CLASS OR CHARTER TRAVEL IS ONLY ALLOWED IN LIMITED CIRCUMSTANCES WITH APPROPRIATE REVIEW AND APPROVAL AND WHERE THERE IS A BONA FIDE BUSINESS PURPOSE TO JUSTIFY THE ADDITIONAL COST DURING THE TAX YEAR THREE OFFICERS AND ONE HIGHLY COMPENSATED EMPLOYEE TRAVELED FIRST CLASS ON LIMITED OCCASION THESE TRAVEL EXPENSES WERE INCURRED FOR UNIVERSITY BUSINESS PURPOSES AND THEREFORE WERE NOT TREATED AS COMPENSATION TO THE LISTED INDIVIDUAL TRAVEL FOR COMPANIONS COMPANION OR SPOUSAL TRAVEL IS GENERALLY PROVIDED ONLY IN LIMITED CIRCUMSTANCES WHERE THE TRAVEL SERVES AN ESSENTIAL BUSINESS PURPOSE OF THE UNIVERSITY DURING THE TAX YEAR, TWO OFFICERS AND ONE FORMER KEY EMPLOYEE EMPLOYEE TRAVELED WITH THEIR SPOUSE ON LIMITED OCCASION WHERE THE SPOUSAL TRAVEL WAS DEEMED TO HAVE AN ESSENTIAL BUSINESS PURPOSE, THE AMOUNT WAS NOT TREATED AS COMPENSATION TO THE LISTED INDIVIDUAL IN ANY OTHER INSTANCE, THE AMOUNT WAS TREATED AS TAXABLE COMPENSATION TO THE LISTED INDIVIDUAL TAX INDEMNIFICATION AND GROSS-UP PAYMENTS THE UNIVERSITY WILL PROVIDE TAX GROSS-UP PAYMENTS IN CERTAIN CIRCUMSTANCES WITH THE APPROPRIATE LEVELS OF REVIEW AND APPROVAL DURING THE TAX YEAR, ONE OFFICER RECEIVED A GROSS-UP PAYMENT THIS BENEFIT WAS TREATED AS TAXABLE COMPENSATION TO THE LISTED INDIVIDUAL HOUSING ALLOWANCE OR RESIDENCE FOR PERSONAL USE THE UNIVERSITY PROVIDES THE PRESIDENT WITH AN ON-CAMPUS RESIDENCE (THE "NICHOLS HOUSE") AND REQUIRES THE PRESIDENT TO USE THE HOUSE AS A PRIMARY RESIDENCE THROUGHOUT THE TERM OF OFFICE THE PRESIDENT'S USE OF THE NICHOLS HOUSE IS A CONDITION OF EMPLOYMENT AND FOR THE CONVENIENCE OF THE UNIVERSITY, THEREFORE IT IS EXEMPT FROM TAXATION UNDER INTERNAL REVENUE CODE SECTION 119 HEALTH OR SOCIAL CLUB DUES UNIVERSITY POLICY ALLOWS FOR CORPORATE SOCIAL CLUB MEMBERSHIPS, BUT SUCH MEMBERSHIPS ARE FOR STRICT BUSINESS USE SUCH DEPARTMENTAL OR DIVISIONAL MEMBERSHIPS CANNOT BE USED FOR ANY PERSONAL USE AS SUCH, USE OF SUCH MEMBERSHIPS FOR UNIVERSITY BUSINESS IS NOT TREATED AS TAXABLE COMPENSATION PERSONAL SERVICES THE UNIVERSITY EMPLOYS A HOUSEKEEPER TO CLEAN THE NICHOLS HOUSE AND ALSO PROVIDES THE PRESIDENT WITH A UNIVERSITY EMPLOYED DRIVER TO ACCOMMODATE HIS FREQUENT TRAVEL THE PERSONAL AND BUSINESS TIME FOR BOTH THE HOUSEKEEPER AND THE DRIVER ARE LOGGED AND ANY PERSONAL USE IS TREATED AS TAXABLE COMPENSATION TO THE PRESIDENT
PART I, LINE 1B	WRITTEN POLICIES FOR PAYMENT OR REIMBURSEMENT OR PROVISION OF EXPENSES FOR ITEMS CHECKED IN 1A IN GENERAL UNIVERSITY POLICY AND PROCEDURES OR CONTRACTUAL OBLIGATIONS ARE FOLLOWED IN PROVIDING THE ABOVE LISTED BENEFITS TO THE LISTED EMPLOYEES THE UNIVERSITY DOES NOT HAVE A WRITTEN POLICY FOR GROSS-UP PAYMENTS THE GROSS UP PAYMENT MADE IS IN CONNECTION WITH A CONTRACTUAL OBLIGATION THERE ARE NO WRITTEN POLICIES FOR THE PROVISION OF THE PRESIDENT'S HOUSING AND RELATED PERSONAL SERVICE, HOWEVER, THE PROVISIONS ARE INCLUDED IN THE EMPLOYMENT AGREEMENT WITH THE PRESIDENT THE PRESIDENT'S RESIDENCE IS LOCATED ON CAMPUS AND IT IS INCLUDED IN HIS EMPLOYMENT AGREEMENT THAT HE MUST LIVE THERE, SO IT IS EXEMPT FROM TAXATION UNDER INTERNAL REVENUE CODE SECTION 119 AND NOT INCLUDED IN THE W-2 THE UNIVERSITY HAS ESTABLISHED WRITTEN POLICIES AND PROCEDURES GOVERNING THE TRAVEL AND BUSINESS EXPENSES THE POLICIES AND PROCEDURES INCLUDE REQUIREMENTS TO MEET THE IRS ACCOUNTABLE PLAN RULES IT IS THE RESPONSIBILITY OF THE OFFICERS, DIRECTORS, TRUSTEES AND KEY EMPLOYEES TO COMPLY WITH THE WRITTEN POLICIES AND PROCEDURES AND TO EXERCISE GOOD JUDGEMENT IN DETERMINING THE BUSINESS PURPOSE TRAVEL AND BUSINESS EXPENSES FOR OFFICERS AND DEANS ARE REVIEWED AND APPROVED BY THE OFFICE OF THE PROVOST AND SENIOR VICE PRESIDENT FOR ACADEMIC AFFAIRS OR THE OFFICE OF THE SENIOR VICE PRESIDENT FOR FINANCE AND ADMINISTRATION THE PRESIDENT'S OFFICE REVIEWS AND APPROVES TRAVEL AND BUSINESS EXPENSES OF THE SENIOR VICE PRESIDENTS AND THE CHAIR OF THE BOARD OF TRUSTEES REVIEWS AND APPROVES THE PRESIDENT'S TRAVEL AND BUSINESS EXPENSES
PART I, LINES 4A-B	PART I, QUESTION 4A DURING CALENDAR YEAR 2017, STEPHEN MILNER RECEIVED A PAYMENT OF \$2,310,000 UPON HIS RESIGNATION FROM THE UNIVERSITY PART I, QUESTION 4B THE FOLLOWING AMOUNTS REPRESENT DISTRIBUTIONS MADE TO THE RESPECTIVE INDIVIDUALS FROM A NON-QUALIFIED DEFERRED COMPENSATION PLAN ALL OF THESE AMOUNTS ARE REPORTED ON THE RESPECTIVE INDIVIDUALS W-2, BOX 11 PAYEE NON-QUALIFIED PLAN ----- FICKE, JAMES \$ 252,058 HAYES, CHARLENE \$ 230,129 KLAG, MICHAEL \$ 178,874 LIEBERMAN, ROBERT \$ 157,135 STARK, WALTER J \$ 2,228,965 THE FOLLOWING REPRESENT AMOUNTS CONTRIBUTED TO NON-QUALIFIED 457(F) DEFERRED COMPENSATION PLANS FOR THE RESPECTIVE OFFICERS, KEY EMPLOYEES AND HIGHLY COMPENSATED EMPLOYEES PAYEE NON-QUALIFIED PLAN ----- ATEs, KATHERINE \$ 100,350 BREM, HENRY \$ 101,783 CONWAY, HEIDI \$ 11,083 DANIELS, RONALD \$ 1,006,160 ENNIS, DANIEL \$ 262,443 FICKE, JAMES \$ 58,572 GRADY, HELENE \$ 4,191 HAYES, CHARLENE \$ 5,143 HINGTGEN, MARK \$ 6,600 KLAG, MICHAEL \$ 41,647 KUMAR, SUNIL \$ 53,280 LEWIS, THOMAS \$ 4,700 LIEBERMAN, ROBERT \$ 22,440 LIM, MICHAEL \$ 2,338 MARSH, MAUREEN \$ 50,947 MCLEAN, ROBERT \$ 7,778 MILNER, STEPHEN \$ 912 PERLIONI, JASON \$ 28,800 PINEAU, ARTHUR \$ 92,107 REEL, STEPHANIE \$ 45,187 RIDGE, SUSAN \$ 3,250 ROTHMAN, PAUL \$ 583,541 SCHROEDER, III, FREDERIC \$ 200,476 SPONSELLER, PAUL \$ 13,998
PART I, LINES 5A, 6A AND 7	THE SCHOOL OF MEDICINE OFFERS PERFORMANCE SUPPLEMENTS FOR CLINICAL FACULTY, DEPARTMENTAL CHAIRS, AND VICE DEANS PERFORMANCE SUPPLEMENTS ARE RECOMMENDED BY THE DEAN OF THE SCHOOL OF MEDICINE PERFORMANCE SUPPLEMENTS ARE FIXED INCENTIVE OPPORTUNITIES TIED TO PERFORMANCE OF DEPARTMENTAL, INSTITUTIONAL AND DISCRETIONARY GOALS PERFORMANCE INDICATORS MEASURE BUDGETARY (INCLUDING PROFITABILITY/EARNINGS), SAFETY, AND SERVICE EXCELLENCE PERFORMANCE THE UNIVERSITY HAS IMPLEMENTED AN INCENTIVE PROGRAM FOR DEANS, KEY EMPLOYEES, AND PRINCIPAL ADMINISTRATIVE OFFICERS WITH THE EXCEPTION OF THE PRESIDENT THE INCENTIVES RANGE FROM 0% TO 20% OF BASE SALARY THE INCENTIVE PROGRAM WAS DEVELOPED AND APPROVED BY THE COMPENSATION COMMITTEE OF THE BOARD WITH INPUT TO THE PROGRAM'S STRUCTURE AND ADMINISTRATION PROVIDED TO THE COMMITTEE BY THE PRESIDENT, SENIOR VICE PRESIDENT FOR FINANCE AND ADMINISTRATION AND THE VICE PRESIDENT FOR HUMAN RESOURCES IT IS ADMINISTERED BY THE COMPENSATION COMMITTEE OF THE BOARD ANNUALLY, THE INCENTIVE AWARDS ARE RECOMMENDED BY THE PRESIDENT AND APPROVED BY THE COMPENSATION COMMITTEE OF THE BOARD THE JOHNS HOPKINS APPLIED PHYSICS LABORATORY (JHU/APL) IMPLEMENTED AN INCENTIVE COMPENSATION PROGRAM FOR THE JHU/APL DIRECTOR THE PROGRAM DESIGN AND STRUCTURE WERE APPROVED BY THE COMPENSATION COMMITTEE OF THE JHU/APL BOARD OF MANAGERS (BOM) THE ANNUAL INCENTIVE FOR THE JHU/APL DIRECTOR RANGES FROM 0% TO 20% OF BASE PAY OVERSIGHT OF THIS PROGRAM IS PROVIDED BY THE COMPENSATION COMMITTEE OF THE BOM WITH SUPPORT PROVIDED BY THE JHU/APL DIRECTOR OF TALENT SERVICES THE SIZE OF THE ANNUAL INCENTIVES AWARDED TO THE JHU/APL DIRECTOR IS BASED UPON HIM MEETING SPECIFIC OBJECTIVES APPROVED AT THE BEGINNING OF THE CALENDAR YEAR BY THE COMPENSATION COMMITTEE OF THE BOM IN NOVEMBER OF EACH YEAR, THE BOM COMPENSATION COMMITTEE REVIEWS THE PROGRESS TOWARDS THE GOALS ACHIEVED BY THE JHU/APL DIRECTOR AND DETERMINES AND APPROVES THE PERCENTAGE OF THE INCENTIVE EARNED BY THE JHU/APL DIRECTOR
PART I, LINE 8	THERE WERE SOME OFFICERS AND A KEY EMPLOYEE WITH RESPECT TO WHOM AMOUNTS WERE REPORTED IN PART VII WHERE THOSE AMOUNTS WERE PAID PURSUANT TO A CONTRACT THAT WAS SUBJECT TO THE INITIAL CONTRACT EXCEPTION DESCRIBED IN REG SECTION 53 4958-4(A)(3) IN EACH INSTANCE, THE COMPENSATION WAS ALSO APPROVED PURSUANT TO PROCESSES CONSISTENT WITH THE REBUTTABLE PRESUMPTION PROCEDURE DESCRIBED IN REG SECTION 53 4958-6(C)
FORM 990, PART VII, SECTION A, LINE 5	EXPLANATION COMPENSATION FOR UNRELATED ORGANIZATION TO KEITH HILL, VP OF CORPORATE SECURITY KEITH HILL WAS THE VICE PRESIDENT OF CORPORATE SECURITY FOR BOTH JOHNS HOPKINS UNIVERSITY AND JOHNS HOPKINS HEALTH SYSTEM (JHHS) WHICH IS AN UNRELATED, SEPARATELY GOVERNED ORGANIZATION PRIOR TO HIS RETIREMENT IN FY18, MR HILL DEVOTED 45% OF HIS EFFORTS TO THE UNIVERSITY AND THEREFORE THE UNIVERSITY REIMBURSED JHHS FOR 45% OF MR HILL'S TIME THE COMPENSATION AND HOURS REPORTED FOR MR HILL IN PART VII AND ON SCHEDULE J REPRESENT 45% OF TOTAL COMPENSATION AND BENEFITS PAID TO MR HILL BY JHHS FOR CALENDAR YEAR 2017

Additional Data

Software ID:
Software Version:
EIN: 52-0595110
Name: JOHNS HOPKINS UNIVERSITY

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

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
		(i) Base Compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
1DANIELS RONALD J PRESIDENT, TRUSTEE	(i)	1,281,704	0	367,948	1,038,560	84,999	2,773,211	0
	(ii)	0	0	0	0	0	0	0
1ATES KATHERINE CHIEF OF STAFF	(i)	431,654	65,828	1,126	141,750	29,694	670,052	0
	(ii)	0	0	0	0	0	0	0
2CONWAY HEIDI VP-HUMAN RESOURCES	(i)	346,776	35,700	3,863	43,483	27,117	456,939	0
	(ii)	0	0	0	0	0	0	0
3ENNIS DANIEL G SR VP-FINANCE & ADMINISTRATION	(i)	733,328	146,324	3,510	294,843	28,084	1,206,089	0
	(ii)	0	0	0	0	0	0	0
4GRADY HELENE VP-PLANNING & BUDGET	(i)	294,108	35,698	0	36,591	22,334	388,731	0
	(ii)	0	0	0	0	0	0	0
5HILL KEITH VP-CORPORATE SECURITY	(i)	116,067	28,220	5,573	25,023	1,123	176,006	0
	(ii)	0	0	0	0	0	0	0
6KUMAR SUNIL SR VP-ACADEMIC AFFAIRS & PROVOST	(i)	704,539	56,000	1,838	85,680	19,608	867,665	0
	(ii)	0	0	0	0	0	0	0
7LEWIS THOMAS VP-GOVERNMENT & COMMUNITY AFFAIRS	(i)	302,505	15,000	3,779	37,100	7,479	365,863	0
	(ii)	0	0	0	0	0	0	0
8MARSH MAUREEN SECRETARY OF THE BOARD OF TRUSTEES	(i)	314,025	45,495	500	83,347	1,888	445,255	0
	(ii)	0	0	0	0	0	0	0
9MCLEAN ROBERT VP FOR FACILITIES & REAL ESTATE	(i)	330,161	24,863	2,673	40,178	5,135	403,010	0
	(ii)	0	0	0	0	0	0	0
10PERLIONI JASON VP-INVESTMENTS & CHIEF INVESTMENT OF	(i)	383,993	500,000	15,000	45,000	10,893	954,886	0
	(ii)	0	0	0	0	0	0	0
11PINEAU ARTHUR VP AND GENERAL COUNSEL	(i)	500,727	70,125	1,804	116,407	2,315	691,378	0
	(ii)	0	0	0	0	0	0	0
12RIDGE SUSAN VP-COMMUNICATIONS & PUBLIC AFFAIRS	(i)	163,899	0	75,000	16,750	8,735	264,384	0
	(ii)	0	0	0	0	0	0	0
13ROTHMAN PAUL CEO & DEAN OF MEDICAL FACULTY	(i)	1,455,383	565,594	25,153	615,941	61,833	2,723,904	0
	(ii)	0	0	0	0	0	0	0
14SCHROEDER FREDERIC VP-DEVELOPMENT & ALUMNI RELATIONS	(i)	642,665	92,359	4,402	232,876	64,968	1,037,270	0
	(ii)	0	0	0	0	0	0	0
15SEMMEL RALPH DIRECTOR-APL	(i)	832,115	140,000	65,247	501,250	3,488	1,542,100	0
	(ii)	0	0	0	0	0	0	0
16HINGTGEN MARK CFO-SCHOOL OF MEDICINE	(i)	141,162	150,000	6,899	14,700	6,866	319,627	0
	(ii)	0	0	0	0	0	0	0
17REEL STEPHANIE VICE PROVOST FOR INFO TECHNOLOGY	(i)	637,765	95,550	14,528	77,587	9,270	834,700	0
	(ii)	0	0	0	0	0	0	0
18BREM HENRY PROFESSOR (SEE SCHED O)	(i)	1,110,925	338,900	0	134,183	17,721	1,601,729	0
	(ii)	0	0	0	0	0	0	0
19FICKE JAMES PROFESSOR (SEE SCHED O)	(i)	757,654	213,500	255,468	90,972	924	1,318,518	252,058
	(ii)	0	0	0	0	0	0	0

Form 990, Schedule J, Part II - Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees								
(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
		(i) Base Compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
21LIM MICHAEL PROFESSOR (SEE SCHED O)	(i)	286,785	935,625	0	34,738	9,219	1,266,367	0
	(ii)	0	0	0	0	0	0	0
1MILNER STEPHEN PROFESSOR	(i)	93,849	291,667	2,312,509	11,712	7,240	2,716,977	0
	(ii)	0	0	0	0	0	0	0
2SPONSELLER PAUL PROFESSOR (SEE SCHED O)	(i)	374,472	1,108,631	0	46,398	26,098	1,555,599	0
	(ii)	0	0	0	0	0	0	0
3HAYES CHARLENE FORMER VP-HUMAN RESOURCES	(i)	172,909	0	230,129	21,343	10,180	434,561	230,129
	(ii)	0	0	0	0	0	0	0
4KLAG MICHAEL FORMER DEAN - SCHOOL OF PUBLIC HEALT	(i)	614,065	0	213,852	74,047	3,474	905,438	178,874
	(ii)	0	0	0	0	0	0	0
5LIEBERMAN ROBERT FORMER SR VP-ACADEMIC AFFAIRS & PROV	(i)	450,071	0	157,410	54,840	62,634	724,955	157,135
	(ii)	0	0	0	0	0	0	0
6SPECTOR PHILLIP FORMER VP-STRATEGIC INITIATIVES	(i)	0	0	178,963	0	0	178,963	0
	(ii)	0	0	0	0	0	0	0
7STARK WALTER J FORMER PROFESSOR	(i)	0	0	2,228,965	0	0	2,228,965	2,228,965
	(ii)	0	0	0	0	0	0	0

Schedule K
(Form 990)

Department of the Treasury
Internal Revenue Service
Name of the organization
JOHNS HOPKINS UNIVERSITY

Supplemental Information on Tax-Exempt Bonds

► Complete if the organization answered "Yes" to Form 990, Part IV, line 24a. Provide descriptions, explanations, and any additional information in Part VI.
► Attach to Form 990.
► Information about Schedule K (Form 990) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047

2017

Open to Public Inspection

Employer identification number
52-0595110

Part I Bond Issues											
(a) Issuer name	(b) Issuer EIN	(c) CUSIP #	(d) Date issued	(e) Issue price	(f) Description of purpose	(g) Defeased		(h) On behalf of issuer		(i) Pool financing	
						Yes	No	Yes	No	Yes	No
A MHHEFA 2005A BONDS	52-0936091	574217VC6	03-03-2005	69,265,000	SEE SCHEDULE K, PART VI		X		X		X
B MHHEFA CP SERIES A TRANCHE 7	52-0936091	57421PAA3	06-20-2005	11,387,000	SEE SCHEDULE K, PART VI		X		X		X
C MHHEFA CP SERIES A TRANCHE 8	52-0936091	57421PAA3	01-26-2006	21,713,000	SEE SCHEDULE K, PART VI		X		X		X
D MHHEFA CP SERIES A TRANCHE 9	52-0936091	57421PAA3	06-22-2006	16,262,000	SEE SCHEDULE K, PART VI		X		X		X

Part II		Proceeds							
		A		B		C		D	
1	Amount of bonds retired			9,484,000		12,428,000		10,928,000	
2	Amount of bonds legally defeased								
3	Total proceeds of issue	71,399,299		11,387,000		21,713,000		16,262,000	
4	Gross proceeds in reserve funds								
5	Capitalized interest from proceeds	2,671,827							
6	Proceeds in refunding escrows								
7	Issuance costs from proceeds	826,570							
8	Credit enhancement from proceeds								
9	Working capital expenditures from proceeds								
10	Capital expenditures from proceeds	67,900,902		11,387,000		21,713,000		16,262,000	
11	Other spent proceeds								
12	Other unspent proceeds								
13	Year of substantial completion	2007		2005		2005		2006	
		Yes	No	Yes	No	Yes	No	Yes	No
14	Were the bonds issued as part of a current refunding issue?		X		X		X		X
15	Were the bonds issued as part of an advance refunding issue?		X		X		X		X
16	Has the final allocation of proceeds been made?	X		X		X		X	
17	Does the organization maintain adequate books and records to support the final allocation of proceeds?	X		X		X		X	

Part III Private Business Use									
		A		B		C		D	
		Yes	No	Yes	No	Yes	No	Yes	No
1	Was the organization a partner in a partnership, or a member of an LLC, which owned property financed by tax-exempt bonds?		X		X		X		X
2	Are there any lease arrangements that may result in private business use of bond-financed property?	X			X		X		X

Part III Private Business Use (Continued)

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
3a Are there any management or service contracts that may result in private business use of bond-financed property?	X			X		X		X
b If "Yes" to line 3a, does the organization routinely engage bond counsel or other outside counsel to review any management or service contracts relating to the financed property?	X							
c Are there any research agreements that may result in private business use of bond-financed property?		X		X		X		X
d If "Yes" to line 3c, does the organization routinely engage bond counsel or other outside counsel to review any research agreements relating to the financed property?								
4 Enter the percentage of financed property used in a private business use by entities other than a section 501(c)(3) organization or a state or local government ▶	0 %		0 %		0 %		0 %	
5 Enter the percentage of financed property used in a private business use as a result of unrelated trade or business activity carried on by your organization, another section 501(c)(3) organization, or a state or local government ▶	0 %		0 %		0 %		0 %	
6 Total of lines 4 and 5	0 %		0 %		0 %		0 %	
7 Does the bond issue meet the private security or payment test? . . .		X		X		X		X
8a Has there been a sale or disposition of any of the bond-financed property to a nongovernmental person other than a 501(c)(3) organization since the bonds were issued?		X		X		X		X
b If "Yes" to line 8a, enter the percentage of bond-financed property sold or disposed of . .								
c If "Yes" to line 8a, was any remedial action taken pursuant to Regulations sections 1.141-12 and 1.145-2?								
9 Has the organization established written procedures to ensure that all nonqualified bonds of the issue are remediated in accordance with the requirements under Regulations sections 1.141-12 and 1.145-2?	X		X		X		X	

Part IV Arbitrage

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
1 Has the issuer filed Form 8038-T, Arbitrage Rebate, Yield Reduction and Penalty in Lieu of Arbitrage Rebate? . . .		X		X		X		X
2 If "No" to line 1, did the following apply?								
a Rebate not due yet?		X		X		X		X
b Exception to rebate?	X		X		X		X	
c No rebate due?		X		X		X		X
If "Yes" to line 2c, provide in Part VI the date the rebate computation was performed								
3 Is the bond issue a variable rate issue?	X		X		X		X	
4a Has the organization or the governmental issuer entered into a qualified hedge with respect to the bond issue?		X		X		X		X
b Name of provider								
c Term of hedge								
d Was the hedge superintegrated?								
e Was the hedge terminated?								

Part IV Arbitrage (Continued)									
		A		B		C		D	
		Yes	No	Yes	No	Yes	No	Yes	No
5a	Were gross proceeds invested in a guaranteed investment contract (GIC)?		X		X		X		X
b	Name of provider								
c	Term of GIC								
d	Was the regulatory safe harbor for establishing the fair market value of the GIC satisfied?								
6	Were any gross proceeds invested beyond an available temporary period?		X		X		X		X
7	Has the organization established written procedures to monitor the requirements of section 148? . . .	X		X		X		X	

Part V Procedures To Undertake Corrective Action											
				A		B		C		D	
				Yes	No	Yes	No	Yes	No	Yes	No
Has the organization established written procedures to ensure that violations of federal tax requirements are timely identified and corrected through the voluntary closing agreement program if self-remediation is not available under applicable regulations?				X		X		X		X	

Part VI	Supplemental Information. Provide additional information for responses to questions on Schedule K (see instructions).
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Return Reference	Explanation
SCHEDULE K, PART I	ALL TAX-EXEMPT DEBT IS ISSUED THROUGH MARYLAND HEALTH AND HIGHER EDUCATION FACILITIES AUTHORITY (MHHEFA) REPORTING APPROACH FOR THE TAX-EXEMPT COMMERCIAL PAPER PROGRAM THE UNIVERSITY USES THE PROCEEDS FROM ISSUANCE OF COMMERCIAL PAPER NOTES TO FUND PURCHASES OF CAPITAL EQUIPMENT, LIBRARY BOOKS AND INFORMATION TECHNOLOGY ASSETS, AND TO FUND MINOR CAPITAL RENOVATIONS THE NOTES IN EACH SERIES ARE ISSUED IN TRANCHEs EACH TRANCHE IS COMPRISED OF ISSUES WHICH ARE SEGREGATED BY THE AFOREMENTIONED FOUR ASSET TYPES WEIGHTED AVERAGE LIFE CALCULATIONS ARE PREPARED FOR EACH ISSUE WITHIN A TRANCHE, RESULTING IN UNIQUE MATURITY DATES FOR EACH ISSUE WITHIN A TRANCHE WHILE A SEPARATE FORM 8038 IS PREPARED FOR EACH ISSUE WITHIN A COMMERCIAL PAPER TRANCHE, SCHEDULE K INSTRUCTIONS PERMIT INFORMATION TO BE COMBINED FOR SERIES THAT ARE ISSUED AT SUBSTANTIALLY THE SAME TIME SINCE THIS IS THE CASE FOR THE UNIVERSITY'S COMMERCIAL PAPER ISSUANCES THAT ARE ISSUED AS ONE TRANCHE, ALL ISSUES FOR AN INDIVIDUAL TRANCHE ARE COMBINED AND REPORTED AT THE TRANCHE LEVEL FOR PART I OF SCHEDULE K ISSUE PRICES FOR ALL ISSUES THAT ARE STILL OUTSTANDING WITHIN A TRANCHE ARE COMBINED AND REPORTED IN TOTAL COMBINED DATA IS ALSO REPORTED IN PARTS II, III AND IV TO SCHEDULE K THE AGGREGATION OF DATA FOR THE COMMERCIAL PAPER AT THE TRANCHE LEVEL RESULTS IN DIFFERENCES THAT ARE DE MINIMIS FOR SCHEDULE K REPORTING PURPOSES FROM WHAT WOULD RESULT FROM REPORTING AT THE FORM 8038 ISSUE LEVEL IN ACCORDANCE WITH THE INSTRUCTIONS, ONLY TRANCHEs ISSUED AFTER DECEMBER 31, 2002 ARE LISTED ON SCHEDULE K THE FINANCIAL MARKET APPROACH TO CUSIP NUMBERS FOR COMMERCIAL PAPER NOTES IS DIFFERENT THAN THOSE ISSUED FOR MHHEFA BONDS AT EACH REMARKETING DATE FOR THE COMMERCIAL PAPER NOTES, A NEW CUSIP NUMBER IS ISSUED FOR THE AMOUNTS REMARKETED SINCE TRANCHEs CAN BE COMBINED AND REMARKETED TOGETHER, AN INDIVIDUAL BOND CUSIP NUMBER CANNOT BE IDENTIFIED BACK TO THE ORIGINAL TRANCHE AND ISSUE THIS IS DIFFERENT FROM MHHEFA BONDS THAT HAVE CUSIP NUMBERS THAT REMAIN CONSTANT THROUGHOUT THE LIFE OF THE BONDS IN ACCORDANCE WITH THE INSTRUCTIONS TO SCHEDULE K, THE CUSIP NUMBERS FROM THE FORM 8038s PREPARED AT ISSUANCE ARE USED IN PART I NO ISSUANCE COSTS ARE PAID FROM COMMERCIAL PAPER NOTES PROCEEDS ISSUED AFTER 2000 (AS EVIDENCED ON THE FORM 8038s), ACCORDINGLY, THERE ARE NO AMOUNTS TO BE REPORTED IN PART II FOR BOND ISSUE COSTS

Return Reference	Explanation
SCHEDULE K, PART I, COLUMN (F), DESCRIPTION OF PURPOSE	<p>ISSUER MHHEFA, CUSIP 574217VC6, DATE 3/3/2005 2005A - TO FUND CONSTRUCTION OF THE CHARLES COMMONS BUILDING AND THE SOUTH QUADRANGLE PARKING GARAGE, BOTH ON THE HOMEWOOD CAMPUS, AND THE REMOTE SHELVING FACILITY</p> <p>ISSUER MHHEFA, CUSIP 57421PAA3, DATE 6/20/2005 COMMERCIAL PAPER SERIES A - TRANCHE 7 - TO FUND MINOR RENOVATION PROJECTS, LIBRARY ACQUISITIONS, INFORMATION TECHNOLOGY PROJECTS (E G INFORMATION SYSTEMS, COMPUTER SOFTWARE, INFRASTRUCTURE) AND EQUIPMENT IT PROJECT RELATED ISSUE RETIRED JULY 2012 EQUIPMENT RELATED ISSUE RETIRED JULY 2013 RENOVATION RELATED ISSUE RETIRED JANUARY 2014</p> <p>ISSUER MHHEFA, CUSIP 57421PAA3, DATE 1/26/2006 CP SERIES A - TRANCHE 8 - TO FUND MINOR RENOVATION PROJECTS, LIBRARY ACQUISITIONS, INFORMATION TECHNOLOGY PROJECTS (E G INFORMATION SYSTEMS, COMPUTER SOFTWARE, INFRASTRUCTURE) AND EQUIPMENT IT PROJECT RELATED ISSUE RETIRED JULY 2012 EQUIPMENT RELATED ISSUE RETIRED JULY 2013 RENOVATION RELATED ISSUE RETIRED NOVEMBER 2016</p> <p>ISSUER MHHEFA, CUSIP 57421PAA3, DATE 6/22/2006 COMMERCIAL PAPER SERIES A - TRANCHE 9 - TO FUND MINOR RENOVATION PROJECTS, LIBRARY ACQUISITIONS, INFORMATION TECHNOLOGY PROJECTS (E G INFORMATION SYSTEMS, COMPUTER SOFTWARE, INFRASTRUCTURE) AND EQUIPMENT IT PROJECT RELATED ISSUE RETIRED JULY 2013 EQUIPMENT RELATED ISSUE RETIRED JANUARY 2014 RENOVATION RELATED ISSUE RETIRED NOVEMBER 2016</p> <p>ISSUER MHHEFA, CUSIP 57421PAA3, DATE 8/21/2007 COMMERCIAL PAPER SERIES A - TRANCHE 10 - TO FUND MINOR RENOVATION PROJECTS, LIBRARY ACQUISITIONS, INFORMATION TECHNOLOGY PROJECTS (E G INFORMATION SYSTEMS, COMPUTER SOFTWARE, INFRASTRUCTURE) AND EQUIPMENT IT PROJECT RELATED ISSUE RETIRED JULY 2014 EQUIPMENT RELATED ISSUE RETIRED JANUARY 2014 RENOVATION RELATED ISSUE RETIRED NOVEMBER 2016</p> <p>ISSUER MHHEFA, CUSIP 57421PAA3, DATE 2/15/2008 COMMERCIAL PAPER SERIES A - TRANCHE 11 - TO FUND MINOR RENOVATION PROJECTS, LIBRARY ACQUISITIONS, INFORMATION TECHNOLOGY PROJECTS (E G INFORMATION SYSTEMS, COMPUTER SOFTWARE, INFRASTRUCTURE) AND EQUIPMENT IT PROJECT AND EQUIPMENT RELATED ISSUE RETIRED MAY 2015</p> <p>ISSUER MHHEFA, CUSIP 57421NAA8, DATE 6/5/2003 COMMERCIAL PAPER SERIES B - TRANCHE 4 - TO FUND LIBRARY ACQUISITIONS AND EQUIPMENT EQUIPMENT RELATED ISSUE RETIRED 2012</p> <p>ISSUER MHHEFA, CUSIP 57421NAA8, DATE 1/30/2004 COMMERCIAL PAPER SERIES B - TRANCHE 5 - TO FUND MINOR RENOVATION PROJECTS, LIBRARY ACQUISITIONS, INFORMATION TECHNOLOGY PROJECTS (E G INFORMATION SYSTEMS, COMPUTER SOFTWARE, INFRASTRUCTURE) AND EQUIPMENT IT PROJECT RELATED ISSUE RETIRED JULY 2011 EQUIPMENT RELATED ISSUE RETIRED JULY 2012 RENOVATION RELATED ISSUE RETIRED FEBRUARY 2014</p> <p>ISSUER MHHEFA, CUSIP 57421NUT5, DATE 11/20/2008 COMMERCIAL PAPER SERIES B - TRANCHE 7 - TO FUND MINOR RENOVATION PROJECTS, LIBRARY ACQUISITIONS, INFORMATION TECHNOLOGY PROJECTS (E G INFORMATION SYSTEMS, COMPUTER SOFTWARE, INFRASTRUCTURE) AND EQUIPMENT RENOVATION RELATED ISSUE RETIRED FEBRUARY 2014 IT PROJECTS RELATED ISSUE RETIRED MAY 2015 EQUIP</p>

Return Reference	Explanation
SCHEDULE K, PART I, COLUMN (F), DESCRIPTION OF PURPOSE	MENT RELATED ISSUE RETIRED MAY 2016 ISSUER MHHEFA, CUSIP 57421NWE6, DATE 5/14/2009 COM Mercial PAPER SERIES B - TRANCHE 8 - TO FUND MINOR RENOVATION PROJECTS, LIBRARY ACQUISITIO NS, INFORMATION TECHNOLOGY PROJECTS (E G INFORMATION SYSTEMS, COMPUTER SOFTWARE, INFRASTR UCTURE) AND EQUIPMENT EQUIPMENT RELATED ISSUE RETIRED FEBRUARY 2014 IT PROJECT RELATED I SSUE RETIRED MAY 2016 ISSUER MHHEFA, CUSIP 574218JW4, DATE 6/14/2012 2012A - TO REFINA NCE A PORTION OF THE 2001B BONDS AND THE 2002A BONDS (ISSUE DATES 8/30/01 & 2/13/02 RESPEC TIVELY) ISSUER MHHEFA, CUSIP 574218PS6, DATE 6/20/13 2013B TO REFINANCE THE 2001B AND 2004A BONDS (ISSUE DATES 8/30/01 & 4/21/04 RESPECTIVELY)

Return Reference	Explanation
RECONCILIATION OF ISSUE FOR BONDS IN PART I COMPARED TO PROCEEDS IN PART II	2005A BONDS 2012A BONDS 2013B BONDS TOTAL ISSUE PRICE - PART I (E) \$69,265,000 \$153,150,000 \$99,625,000 INTEREST EARNINGS \$2,134,299 \$25,577,564 \$8,453,992 _____ _____ TOTAL PROCEEDS OF ISSUE - PART II LINE 3 \$71,399,299 \$178,727,564 \$108,078,992 _____

Return Reference	Explanation
<p>ADDITIONAL EXPLANATION FOR PART III</p>	<p>PRIVATE BUSINESS USE, QUESTIONS 3(B) (MANAGEMENT AND SERVICE CONTRACTS) AND 3(D) (RESEARCH AGREEMENTS) PURSUANT TO THE UNIVERSITY'S POLICIES CONCERNING POST-ISSUANCE TAX COMPLIANCE FOR TAX-EXEMPT FINANCING, RESPONSIBILITY FOR MONITORING THE USE OF TAX-EXEMPT DEBT FINANCED ASSETS IS VESTED WITH THE UNIVERSITY'S CONTROLLER THE UNIVERSITY MONITORS FOR PRIVATE BUSINESS USE RESULTING FROM MANAGEMENT AND SERVICE CONTRACTS, CLINICAL TRIALS AND OTHER TYPES OF SPONSORED RESEARCH AGREEMENTS BY USING PERIODIC SURVEYS OF SPACE FINANCED BY TAX-EXEMPT DEBT TO ASCERTAIN USAGE BETWEEN SURVEYS THE UNIVERSITY MONITORS FOR NEW RESEARCH GRANTS USING ITS ACCOUNTING SYSTEM TO IDENTIFY SPONSORED RESEARCH AGREEMENTS THAT COULD GIVE RISE TO PRIVATE BUSINESS USE OF TAX-EXEMPT FINANCED FACILITIES UNIVERSITY STAFF WITH RESPONSIBILITY FOR LEASES, MANAGEMENT CONTRACTS, PROFESSIONAL SERVICE CONTRACTS, RESEARCH SPONSORSHIPS AND SIMILAR AGREEMENTS HAVE BEEN DIRECTED TO PROVIDE THE CONTROLLER WITH COPIES OF EACH SUCH AGREEMENT AND OTHERWISE TO ASSIST THE CONTROLLER IN REMAINING CURRENT AS TO THE USAGE AND CHANGES IN THE USAGE OF FINANCED FACILITIES THE UNIVERSITY UTILIZES AN ANNUAL "USE OF FACILITIES" QUESTIONNAIRE TO ENSURE THAT THE DATABASE OF USE OF SPACE REMAINS ACCURATE AND CURRENT PART III, LINE 3(B) AS NECESSARY AND APPROPRIATE IN CONNECTION WITH SUCH MONITORING, THE UNIVERSITY'S MANAGEMENT AND INTERNAL COUNSEL CONSULTED WITH OUTSIDE COUNSEL (INCLUDING BOTH THE UNIVERSITY'S OWN TAX-EXEMPT FINANCE COUNSEL AND WITH THE ISSUER'S BOND COUNSEL) SO AS TO ASSURE THE PROPER EVALUATION OF WHETHER SUCH CONTRACTS MAY RESULT IN PRIVATE BUSINESS USE OF BOND-FINANCED PROPERTY AND THE ACCURATE MEASUREMENT AND REPORTING OF ANY RESULTING PRIVATE BUSINESS USE IN CONNECTION WITH ALL SUCH FORMS OF THIRD-PARTY AGREEMENTS PART III, LINE 3(D) THE UNIVERSITY SCORES ALL RESEARCH RELATED ACTIVITIES SPONSORED BY PRIVATE FOR-PROFIT ENTITIES, INCLUDING MOST APPLIED RESEARCH, AS PRIVATE USE THEREFORE, THE UNIVERSITY DOES NOT ROUTINELY ENGAGE BOND COUNSEL OR OTHER OUTSIDE COUNSEL TO REVIEW ALL RESEARCH AGREEMENTS, BUT DOES ENGAGE BOND COUNSEL OR OTHER OUTSIDE COUNSEL ON AN AS-NEEDED BASIS</p>

Schedule K
(Form 990)

Department of the Treasury
Internal Revenue Service

Name of the organization
JOHNS HOPKINS UNIVERSITY

Supplemental Information on Tax-Exempt Bonds

► Complete if the organization answered "Yes" to Form 990, Part IV, line 24a. Provide descriptions, explanations, and any additional information in Part VI.
► Attach to Form 990.

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

OMB No 1545-0047

2017

Open to Public Inspection

Employer identification number
52-0595110

Part I

Bond Issues

(a) Issuer name	(b) Issuer EIN	(c) CUSIP #	(d) Date issued	(e) Issue price	(f) Description of purpose	(g) Defeased		(h) On behalf of issuer		(i) Pool financing	
						Yes	No	Yes	No	Yes	No
A MHHEFA CP SERIES A TRANCHE 10	52-0936091	57421PAA3	08-21-2007	21,446,000	SEE SCHEDULE K, PART VI		X		X		X
B MHHEFA CP SERIES A TRANCHE 11	52-0936091	57421PAA3	02-15-2008	35,506,000	SEE SCHEDULE K, PART VI		X		X		X
C MHHEFA CP SERIES B TRANCHE 4	52-0936091	57421NAA8	06-05-2003	7,342,000	SEE SCHEDULE K, PART VI		X		X		X
D MHHEFA CP SERIES B TRANCHE 5	52-0936091	57421NAA8	01-30-2004	12,732,000	SEE SCHEDULE K, PART VI		X		X		X

Part II

Proceeds

					A		B		C		D	
1	Amount of bonds retired				13,073,000		23,971,000		3,859,000		10,335,000	
2	Amount of bonds legally defeased											
3	Total proceeds of issue				21,446,000		35,506,000		7,342,000		12,732,000	
4	Gross proceeds in reserve funds											
5	Capitalized interest from proceeds											
6	Proceeds in refunding escrows											
7	Issuance costs from proceeds											
8	Credit enhancement from proceeds											
9	Working capital expenditures from proceeds											
10	Capital expenditures from proceeds				21,446,000		35,506,000		7,342,000		12,732,000	
11	Other spent proceeds											
12	Other unspent proceeds											
13	Year of substantial completion				2006		2007		2003		2003	
					Yes	No	Yes	No	Yes	No	Yes	No
14	Were the bonds issued as part of a current refunding issue?					X		X		X		X
15	Were the bonds issued as part of an advance refunding issue?					X		X		X		X
16	Has the final allocation of proceeds been made?				X		X		X		X	
17	Does the organization maintain adequate books and records to support the final allocation of proceeds?				X		X		X		X	

Part III

Private Business Use

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
1 Was the organization a partner in a partnership, or a member of an LLC, which owned property financed by tax-exempt bonds?		X		X		X		X
2 Are there any lease arrangements that may result in private business use of bond-financed property?		X	X			X		X

Part III Private Business Use (Continued)

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
3a Are there any management or service contracts that may result in private business use of bond-financed property?		X	X			X		X
b If "Yes" to line 3a, does the organization routinely engage bond counsel or other outside counsel to review any management or service contracts relating to the financed property?			X					
c Are there any research agreements that may result in private business use of bond-financed property?		X	X			X		X
d If "Yes" to line 3c, does the organization routinely engage bond counsel or other outside counsel to review any research agreements relating to the financed property?				X				
4 Enter the percentage of financed property used in a private business use by entities other than a section 501(c)(3) organization or a state or local government ▶	0 %		0 %		0 %		0 %	
5 Enter the percentage of financed property used in a private business use as a result of unrelated trade or business activity carried on by your organization, another section 501(c)(3) organization, or a state or local government ▶	0 %		0 %		0 %		0 %	
6 Total of lines 4 and 5	0 %		0 %		0 %		0 %	
7 Does the bond issue meet the private security or payment test? . . .		X		X		X		X
8a Has there been a sale or disposition of any of the bond-financed property to a nongovernmental person other than a 501(c)(3) organization since the bonds were issued?		X		X		X		X
b If "Yes" to line 8a, enter the percentage of bond-financed property sold or disposed of . .								
c If "Yes" to line 8a, was any remedial action taken pursuant to Regulations sections 1.141-12 and 1.145-2?								
9 Has the organization established written procedures to ensure that all nonqualified bonds of the issue are remediated in accordance with the requirements under Regulations sections 1.141-12 and 1.145-2?	X		X		X		X	

Part IV Arbitrage

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
1 Has the issuer filed Form 8038-T, Arbitrage Rebate, Yield Reduction and Penalty in Lieu of Arbitrage Rebate?		X		X		X		X
2 If "No" to line 1, did the following apply?								
a Rebate not due yet?		X		X		X		X
b Exception to rebate?	X		X		X		X	
c No rebate due?		X		X		X		X
If "Yes" to line 2c, provide in Part VI the date the rebate computation was performed								
3 Is the bond issue a variable rate issue?	X		X		X		X	
4a Has the organization or the governmental issuer entered into a qualified hedge with respect to the bond issue?		X		X		X		X
b Name of provider								
c Term of hedge								
d Was the hedge superintegrated?								
e Was the hedge terminated?								

Part IV Arbitrage (Continued)

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
5a Were gross proceeds invested in a guaranteed investment contract (GIC)?		X		X		X		X
b Name of provider								
c Term of GIC								
d Was the regulatory safe harbor for establishing the fair market value of the GIC satisfied?								
6 Were any gross proceeds invested beyond an available temporary period?		X		X		X		X
7 Has the organization established written procedures to monitor the requirements of section 148?	X		X		X		X	

Part V Procedures To Undertake Corrective Action

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
Has the organization established written procedures to ensure that violations of federal tax requirements are timely identified and corrected through the voluntary closing agreement program if self-remediation is not available under applicable regulations?	X		X		X		X	

Part VI Supplemental Information. Provide additional information for responses to questions on Schedule K (see instructions).

efile GRAPHIC print - DO NOT PROCESS		As Filed Data -		DLN: 93493134074489								
Schedule K (Form 990)		Supplemental Information on Tax-Exempt Bonds ▶ Complete if the organization answered "Yes" to Form 990, Part IV, line 24a. Provide descriptions, explanations, and any additional information in Part VI. ▶ Attach to Form 990. ▶ Information about Schedule K (Form 990) and its instructions is at www.irs.gov/form990 .						OMB No 1545-0047				
								2017				
								Open to Public Inspection				
Department of the Treasury Internal Revenue Service Name of the organization JOHNS HOPKINS UNIVERSITY		Employer identification number 52-0595110										
Part I Bond Issues												
(a) Issuer name		(b) Issuer EIN	(c) CUSIP #	(d) Date issued	(e) Issue price	(f) Description of purpose	(g) Defeased		(h) On behalf of issuer		(i) Pool financing	
							Yes	No	Yes	No	Yes	No
A	MHHEFA CP SERIES B TRANCHE 7	52-0936091	57421NUT5	11-20-2008	23,777,000	SEE SCHEDULE K, PART VI		X		X		X
B	MHHEFA CP SERIES B TRANCHE 8	52-0936091	57421NWE6	05-14-2009	22,643,000	SEE SCHEDULE K, PART VI		X		X		X
C	MHHEFA 2012A BONDS	52-0936091	574218JW4	06-14-2012	153,150,000	SEE SCHEDULE K, PART VI		X		X		X
D	MHHEFA 2013B BONDS	52-0936091	574218PS6	06-20-2013	99,625,000	SEE SCHEDULE K, PART VI		X		X		X
Part II Proceeds												
				A		B		C		D		
1	Amount of bonds retired			21,532,000		13,591,000						
2	Amount of bonds legally defeased											
3	Total proceeds of issue			23,777,000		22,643,000		178,727,564		108,078,992		
4	Gross proceeds in reserve funds											
5	Capitalized interest from proceeds											
6	Proceeds in refunding escrows									108,078,992		
7	Issuance costs from proceeds											
8	Credit enhancement from proceeds											
9	Working capital expenditures from proceeds											
10	Capital expenditures from proceeds			23,777,000		22,643,000						
11	Other spent proceeds							178,727,564				
12	Other unspent proceeds											
13	Year of substantial completion			2008		2009						
				Yes	No	Yes	No	Yes	No	Yes	No	
14	Were the bonds issued as part of a current refunding issue?				X		X	X		X		
15	Were the bonds issued as part of an advance refunding issue?				X		X		X	X		
16	Has the final allocation of proceeds been made?			X		X		X		X		
17	Does the organization maintain adequate books and records to support the final allocation of proceeds?			X		X		X		X		
Part III Private Business Use												
				A		B		C		D		
				Yes	No	Yes	No	Yes	No	Yes	No	
1	Was the organization a partner in a partnership, or a member of an LLC, which owned property financed by tax-exempt bonds?				X		X		X			
2	Are there any lease arrangements that may result in private business use of bond-financed property?				X	X		X				
For Paperwork Reduction Act Notice, see the Instructions for Form 990.												
Cat No 50193E						Schedule K (Form 990) 2017						

Part III Private Business Use (Continued)

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
3a Are there any management or service contracts that may result in private business use of bond-financed property?		X	X		X			
b If "Yes" to line 3a, does the organization routinely engage bond counsel or other outside counsel to review any management or service contracts relating to the financed property?			X		X			
c Are there any research agreements that may result in private business use of bond-financed property?		X	X		X			
d If "Yes" to line 3c, does the organization routinely engage bond counsel or other outside counsel to review any research agreements relating to the financed property?				X		X		
4 Enter the percentage of financed property used in a private business use by entities other than a section 501(c)(3) organization or a state or local government ▶	0 %		0 620 %		0 310 %			
5 Enter the percentage of financed property used in a private business use as a result of unrelated trade or business activity carried on by your organization, another section 501(c)(3) organization, or a state or local government ▶	0 %		0 %		0 %			
6 Total of lines 4 and 5	0 %		0 620 %		0 310 %			
7 Does the bond issue meet the private security or payment test?		X		X		X		
8a Has there been a sale or disposition of any of the bond-financed property to a nongovernmental person other than a 501(c)(3) organization since the bonds were issued?		X		X		X		
b If "Yes" to line 8a, enter the percentage of bond-financed property sold or disposed of . . .								
c If "Yes" to line 8a, was any remedial action taken pursuant to Regulations sections 1.141-12 and 1.145-2?								
9 Has the organization established written procedures to ensure that all nonqualified bonds of the issue are remediated in accordance with the requirements under Regulations sections 1.141-12 and 1.145-2?	X		X		X			

Part IV Arbitrage

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
1 Has the issuer filed Form 8038-T, Arbitrage Rebate, Yield Reduction and Penalty in Lieu of Arbitrage Rebate?		X		X		X		X
2 If "No" to line 1, did the following apply?								
a Rebate not due yet?		X		X		X		X
b Exception to rebate?	X		X		X		X	
c No rebate due?		X		X		X		X
If "Yes" to line 2c, provide in Part VI the date the rebate computation was performed								
3 Is the bond issue a variable rate issue?	X		X			X		X
4a Has the organization or the governmental issuer entered into a qualified hedge with respect to the bond issue?		X		X		X		X
b Name of provider								
c Term of hedge								
d Was the hedge superintegrated?								
e Was the hedge terminated?								

Part IV Arbitrage (Continued)

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
5a Were gross proceeds invested in a guaranteed investment contract (GIC)?		X		X		X		X
b Name of provider								
c Term of GIC								
d Was the regulatory safe harbor for establishing the fair market value of the GIC satisfied?								
6 Were any gross proceeds invested beyond an available temporary period?		X		X		X		X
7 Has the organization established written procedures to monitor the requirements of section 148?	X		X		X		X	

Part V Procedures To Undertake Corrective Action

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
Has the organization established written procedures to ensure that violations of federal tax requirements are timely identified and corrected through the voluntary closing agreement program if self-remediation is not available under applicable regulations?	X		X		X		X	

Part VI Supplemental Information. Provide additional information for responses to questions on Schedule K (see instructions).

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

OMB No 1545-0047

2017

Open to Public Inspection

Name of the organization
JOHNS HOPKINS UNIVERSITY

Employer identification number
52-0595110

Part I

Excess Benefit Transactions (section 501(c)(3), section 501(c)(4), and 501(c)(29) 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

2

Enter the amount of tax incurred by organization managers or disqualified persons during the year under section 4958

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?		(e) Original principal amount	(f) Balance due	(g) In default?		(h) Approved by board or committee?		(i) Written agreement?	
			To	From			Yes	No	Yes	No	Yes	No
(1) RONALD DANIELS	OFFICER	RETENTION		X	1,000,000	875,000		No	Yes		Yes	

Total

▶ \$

875,000

Part III

Grants or Assistance Benefiting 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
See Additional Data Table					

Part V Supplemental Information

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

Return Reference	Explanation
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Additional Data

Software ID:
Software Version:
EIN: 52-0595110
Name: JOHNS HOPKINS UNIVERSITY

Form 990, Schedule L, Part IV - Business Transactions Involving Interested Persons

(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
(1) DAVID C HODGSON	TRUSTEE	2,170,000	AN EDUCATIONAL PROGRAM THROUGH THE SCHOOL OF MEDICINE WAS ESTABLISHED TO PROVIDE FULL-TIME, HOME-BASED, EDUCATIONAL SERVICES TO A TRUSTEE'S FAMILY MEMBER THE FAMILY REIMBURSES THE UNIVERSITY FOR ALL THE EXPENSES ASSOCIATED WITH THIS EDUCATIONAL PROGRAM		No
(1) CHRISTOPHER ABULARRAGE	FAMILY MEMBER OF OFFICER	451,725	CHRISTOPHER J ABULARRAGE IS EMPLOYED BY THE UNIVERSITY AS AN ASSOCIATE PROFESSOR OF VASCULAR SURGERY AND ENDOVASCULAR THERAPY AT THE SCHOOL OF MEDICINE		No

Form 990, Schedule L, Part IV - Business Transactions Involving Interested Persons

(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
(3) NATALIE HENDLER	FAMILY MEMBER OF FORMER TRUSTEE	144,832	NATALIE HENDLER IS EMPLOYED BY THE UNIVERSITY AS A SENIOR PROGRAM OFFICER FOR JHPIEGO		No
(1) SUMATI MURLI	FAMILY MEMBER OF OFFICER	151,523	SUMATI MURLI IS EMPLOYED BY THE UNIVERSITY AS A CLINICAL RESEARCH PROJECTS DIRECTOR AT THE SCHOOL OF MEDICINE		No

Form 990, Schedule L, Part IV - Business Transactions Involving Interested Persons

(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
(5) LAUREN OSBORNE	FAMILY MEMBER OF FORMER OFFICER	209,944	LAUREN OSBORNE IS EMPLOYED BY THE UNIVERSITY AS AN ASSISTANT PROFESSOR OF PSYCHIATRY & BEHAVIORAL SCIENCES AND ASSISTANT DIRECTOR, JOHNS HOPKINS WOMEN'S MOOD DISORDERS CENTER AT THE SCHOOL OF MEDICINE		No
(1) JOANNE ROSEN	FAMILY MEMBER OF TRUSTEE/OFFICER	157,990	JOANNE D ROSEN IS EMPLOYED BY THE UNIVERSITY AS AN ASSOCIATE LECTURER AT THE BLOOMBERG SCHOOL OF PUBLIC HEALTH		No

Form 990, Schedule L, Part IV - Business Transactions Involving Interested Persons					
(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
(7) A COMPANY THAT IS MAJORITY-OWNED BY A SUBSTANTIAL CONTRIBUTOR	ENTITY MORE THAN 35% OWNED BY A SUBSTANTIAL CONTRIBUTOR	329,489	ORDINARY COURSE AND OTHER SOFTWARE SUBSCRIPTIONS		No
(1) CENTERBRIDGE PARTNERS LP & AFFILIATED ENTITIES	GREATER THAN 35% OWNER IS TRUSTEE	3,244,847	INVESTMENT FEES		No

Form 990, Schedule L, Part IV - Business Transactions Involving Interested Persons					
(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
(9) CORDISH POWER PLANT NUMBER TWO LLC	GREATER THAN 35% OWNER IS TRUSTEE	715,625	THE UNIVERSITY RENTS PROPERTY FROM THE LLC		No

SCHEDULE M
(Form 990)

Department of the Treasury
Internal Revenue Service

Noncash Contributions

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

OMB No 1545-0047

2017

Open to Public Inspection

Name of the organization
JOHNS HOPKINS UNIVERSITY

Employer identification number
52-0595110

Part I

Types of Property

	(a) Check if applicable	(b) Number of contributions or items contributed	(c) Noncash contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining noncash contribution amounts
1 Art—Works of art	X	7		
2 Art—Historical treasures				
3 Art—Fractional interests				
4 Books and publications				
5 Clothing and household goods				
6 Cars and other vehicles				
7 Boats and planes				
8 Intellectual property				
9 Securities—Publicly traded	X	614	48,319,832	AVG OF HIGH/LOW @ TRANS
10 Securities—Closely held stock	X	1	892,134	PROCEEDS RECEIVED
11 Securities—Partnership, LLC, or trust interests				
12 Securities—Miscellaneous				
13 Qualified conservation contribution—Historic structures				
14 Qualified conservation contribution—Other				
15 Real estate—Residential	X	2	504,000	APPRAISED VALUE
16 Real estate—Commercial				
17 Real estate—Other				
18 Collectibles	X	23		
19 Food inventory				
20 Drugs and medical supplies				
21 Taxidermy				
22 Historical artifacts	X	2		
23 Scientific specimens				
24 Archeological artifacts				
25 Other ► (MUSICAL INSTRUMENTS)	X	11	0	
26 Other ► (OTHER EQUIP)	X	7	0	
27 Other ► (OTHER)	X	30	0	
28 Other ► ()				

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

29

19

30a During the year, did the organization receive by contribution any property reported in Part I, lines 1 through 28, that it must hold for at least three years from the date of the initial contribution, and which is not required to be used for exempt purposes for the entire holding period?

30a

No

b If "Yes," describe the arrangement in Part II

31 Does the organization have a gift acceptance policy that requires the review of any nonstandard contributions?

31

Yes

32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions?

32a

Yes

b If "Yes," describe in Part II

33 If the organization did not report an amount in column (c) for a type of property for which column (a) is checked, describe in Part II

Part II Supplemental Information.

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

Return Reference	Explanation
PART I, COLUMN (B)	THE UNIVERSITY IS REPORTING THE NUMBER OF CONTRIBUTIONS IN COLUMN (B) OF PART I
PART I, LINE 32B	THE JOHNS HOPKINS UNIVERSITY UTILIZES BROKERAGE FIRMS TO LIQUIDATE OUTRIGHT GIFTS OF SECURITIES, REALTORS TO LIQUIDATE REAL ESTATE, APPRAISERS FOR GIFTS-IN-KIND AND REAL ESTATE AS NECESSARY, AND AN OUTSIDE FIRM THAT MANAGES ALL PLANNED GIFT ASSETS, PAYMENTS AND TAX REPORTING TO LIFE INCOME DONORS
PART I, LINE 33	CONTRIBUTIONS OF WORKS OF ART, HISTORICAL TREASURES AND SIMILAR ASSETS HELD AS PART OF COLLECTIONS ARE NOT RECOGNIZED OR CAPITALIZED OTHER NONCASH CONTRIBUTIONS THAT ARE DEEMED IMMATERIAL ARE NOT RECOGNIZED OR CAPITALIZED FOR FINANCIAL STATEMENT PURPOSES THEREFORE SUCH AMOUNTS ARE NOT REPORTED IN COLUMN C

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
~~Internal Revenue Service~~
Name of the organization
JOHNS HOPKINS UNIVERSITY

Supplemental Information to Form 990 or 990-EZ

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

▶ Attach to Form 990 or 990-EZ.

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

OMB No 1545-0047

2017

Open to Public Inspection

Employer identification number

52-0595110

990 Schedule O, Supplemental Information

Return Reference	Explanation
BASIS OF 990 PRESENTATION	THE FORM 990 FOR THE JOHNS HOPKINS UNIVERSITY IS PREPARED USING THE AUDITED FINANCIAL STATEMENTS WHICH INCLUDE THE ACCOUNTS OF THE VARIOUS ACADEMIC AND SUPPORT DIVISIONS, THE APPLIED PHYSICS LABORATORY, THE JOHNS HOPKINS UNIVERSITY PRESS AND AFFILIATED ORGANIZATIONS WHICH ARE CONTROLLED BY THE UNIVERSITY, INCLUDING JHPIEGO CORPORATION, JOHNS HOPKINS GLOBAL, JOHNS HOPKINS GLOBAL II LLC, JOHNS HOPKINS GLOBAL III AND PEABODY INSTITUTE OF THE CITY OF BALTIMORE

990 Schedule O, Supplemental Information

Return Reference	Explanation
PART I, LINE 6 VOLUNTEERS	THE 2000 VOLUNTEERS REPORTED IN PART I OF FORM 990 INCLUDE AN ESTIMATE OF THE NUMBER OF TRUSTEES, ADVISORY COUNCIL MEMBERS, MEMBERS OF THE ALUMNI COUNCIL, MEMBERS OF THE HOPKINS PARENTS COUNCIL, ALUMNI AND OTHER LEADERS WHO PLAY A SIGNIFICANT VOLUNTEER ROLE ON BEHALF OF THE UNIVERSITY

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION A, LINE 1	THE BOARD OF TRUSTEES BY-LAWS PROVIDE THAT BETWEEN MEETINGS OF THE BOARD, THE EXECUTIVE COMMITTEE MAY EXERCISE "ALL OF THE POWERS OF THE BOARD OF TRUSTEES NOT HEREIN SPECIFICALLY RESERVED TO THE BOARD " THE EXECUTIVE COMMITTEE REPORTS ITS ACTIONS TO THE FULL BOARD AT ITS NEXT MEETING THE EXECUTIVE COMMITTEE MAY NOT REVERSE ANY ACTION OF THE BOARD THE EXECUTIVE COMMITTEE SHALL HAVE NO FEWER THAN ELEVEN MEMBERS OF THE BOARD OF TRUSTEES, INCLUDING THE PRESIDENT OF THE UNIVERSITY AND THE CHAIR AND VICE CHAIRS OF THE BOARD OF TRUSTEES, WHO ARE MEMBERS EX OFFICIO THE CHAIRS OF THE STANDING COMMITTEES ARE MEMBERS OF THE EXECUTIVE COMMITTEE

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION A, LINE 2	DAVID HODGSON AND ANDREAS DRACOPOULOUS HAVE A BUSINESS RELATIONSHIP ROSS MARGOLIES AND JEFFREY ARONSON HAVE A BUSINESS RELATIONSHIP DAVID NOLAN AND JAMES WINTER HAVE A BUSINESS RELATIONSHIP WILLIAM STROMBERG AND RONALD DANIELS HAVE A BUSINESS RELATIONSHIP JAMES WINTER AND MICHAEL HANKIN HAVE A BUSINESS RELATIONSHIP

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION A, LINE 4	THE UNIVERSITY'S BY-LAWS WERE AMENDED DURING THE FISCAL YEAR TO MAKE TWO REVISIONS TO THE TERMS OF OFFICE FIRST TO INCREASE THE MAXIMUM AGE FOR TRUSTEE SERVICE TO SEVENTY-FIVE AND SECOND TO ALLOW A THIRD, SIX-YEAR TERM, IN EXCEPTIONAL CASES, UPON THE RECOMMENDATION OF THE COMMITTEE ON TRUSTEESHIP, NOMINATIONS AND BY-LAWS AND APPROVAL BY THE BOARD

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 11B	THE FORM 990 WAS PREPARED BY THE UNIVERSITY'S TAX OFFICE IN CONJUNCTION WITH VARIOUS OFFICES INCLUDING GENERAL ACCOUNTING, INVESTMENT MANAGEMENT, DEVELOPMENT, ACCOUNTS PAYABLE, GOVERNMENT AFFAIRS AND HUMAN RESOURCES THE FORM 990 WAS REVIEWED BY THE CONTROLLER, THE SENIOR VICE PRESIDENT FOR FINANCE AND ADMINISTRATION, GENERAL COUNSEL AND THE EXTERNAL AUDITS SUB-COMMITTEE OF THE BOARD OF TRUSTEES A FULL COPY OF THE FORM 990 WAS PROVIDED TO THE BOARD OF TRUSTEES BEFORE IT WAS FILED

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 12C	<p>THE UNIVERSITY HAS A POLICY OF THE BOARD OF TRUSTEES REGARDING CONFLICTS OF INTEREST THAT APPLIES TO ALL BOARD MEMBERS, INCLUDING THE FINANCIAL INTERESTS OF THEIR FAMILY MEMBERS. THE POLICY REQUIRES DISCLOSURE OF ANY POSSIBLE CONFLICT OF INTEREST AT THE EARLIEST PRACTICAL TIME. IF A BOARD MEMBER IS UNCERTAIN AS TO WHETHER A CONFLICT EXISTS, A FINAL DETERMINATION MAY BE MADE BY MAJORITY VOTE OF THE BOARD OF TRUSTEES. BOARD MEMBERS ARE PROHIBITED FROM VOTING ON ANY MATTER IN WHICH SUCH MEMBER HAS A POSSIBLE CONFLICT OF INTEREST, AND THE BOARD MEMBER IS NOT COUNTED IN DETERMINING A QUORUM. THE DISCLOSURE AND ABSTENTION ARE REFLECTED IN THE MINUTES. THE UNIVERSITY HAS A POLICY ON CONFLICT OF INTEREST AND CONFLICT OF COMMITMENT THAT APPLIES TO ALL EMPLOYEES OF THE UNIVERSITY. THE POLICY REQUIRES EVERY EMPLOYEE TO SUBMIT A WRITTEN REPORT TO HIS OR HER SUPERVISOR WHENEVER A POSSIBLE CONFLICT OF INTEREST ARISES FROM A PROPOSED ACTIVITY OF THE EMPLOYEE. THE EMPLOYEE MAY NOT UNDERTAKE THE ACTIVITY UNLESS AND UNTIL APPROVED BY THE SUPERVISOR. THE UNIVERSITY HAS A POLICY ON INSTITUTIONAL CONFLICT OF INTEREST THAT APPLIES TO CERTAIN FINANCIAL INTERESTS OF UNIVERSITY OFFICERS, DEANS, PROVOSTS, OTHER INSTITUTIONAL OFFICIALS. THESE INDIVIDUALS MAKE ANNUAL DISCLOSURES OF THEIR FINANCIAL INTERESTS AND FIDUCIARY ROLES AS DEFINED IN THE POLICY AND MUST UPDATE THEIR REPORTS WITHIN A REASONABLE PERIOD OF TIME AFTER THEY LEARN THAT THEIR FINANCIAL INTERESTS HAVE CHANGED. THE UNIVERSITY HAS A STATEMENT OF ETHICAL STANDARDS THAT REQUIRES FACULTY AND STAFF TO ABIDE BY ITS CONFLICT OF INTEREST POLICIES. THIS STATEMENT ALSO PROHIBITS ACCEPTANCE OF GIFTS AND ENTERTAINMENT IN CERTAIN INSTANCES. THE UNIVERSITY HAS AN INTERMEDIATE SANCTIONS POLICY THAT APPLIES TO BOTH CURRENT AND FORMER MEMBERS OF THE BOARD OF TRUSTEES, UNIVERSITY OFFICERS, KEY EMPLOYEES AND FAMILY MEMBERS OF THESE INDIVIDUALS. TRUSTEES AND OFFICIALS MAKE AN ANNUAL DISCLOSURE OF CERTAIN FINANCIAL INTERESTS. IF A POSSIBLE CONFLICT OF INTEREST IS IDENTIFIED, THE INTEREST IS REVIEWED BY THE INTERMEDIATE SANCTIONS COMMITTEE OF THE BOARD. THE UNIVERSITY HAS CONFLICT OF INTEREST POLICIES IN SPECIFIC AREAS. FOR EXAMPLE, THE UNIVERSITY HAS A PROCUREMENT CODE OF CONDUCT THAT DISSUADES EMPLOYEES FROM HAVING PERSONAL INTERESTS IN SUGGESTING OR SPECIFYING VENDORS. THE UNIVERSITY ALSO HAS A POLICY THAT REQUIRES FINANCIAL AID OFFICERS ANNUALLY TO DISCLOSE CERTAIN FINANCIAL INTERESTS. THE SCHOOL OF MEDICINE HAS A POLICY ON INTERACTION WITH INDUSTRY THAT APPLIES TO CERTAIN FINANCIAL RELATIONSHIPS WITH THE MEDICAL INDUSTRY. VARIOUS DIVISIONS OF THE UNIVERSITY HAVE CONFLICT OF INTEREST POLICIES THAT IMPOSE ADDITIONAL RESTRICTIONS. FOR EXAMPLE, THERE ARE DIVISIONAL CONFLICT OF INTEREST POLICIES RELATING TO RESEARCH. POSSIBLE CONFLICTS IDENTIFIED UNDER THESE POLICIES MAY BE REVIEWED BY A COMMITTEE WHICH MAKES RECOMMENDATIONS TO A DEAN. CONFLICTS ARE MANAGED IN VARIOUS WAYS, WHICH MAY INCLUDE PROHIBITION OF THE RESEARCH, PUBLIC DIS</p>

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 12C	CLOSURE OF THE INTEREST, DIVESTITURE OF FINANCIAL INTERESTS AND OTHER RESTRICTIONS AND CON DITIONS

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 15	<p>THE UNIVERSITY'S BOARD OF TRUSTEES HAS A COMPENSATION COMMITTEE THAT ANNUALLY REVIEWS COMPENSATION FOR OFFICERS AND DEANS, WITH THE EXCEPTION OF THE DIRECTOR OF THE APPLIED PHYSICS LABORATORY (APL) THE COMMITTEE IS ADVISED BY A COMPENSATION SURVEY PERFORMED EACH YEAR BY AN INDEPENDENT CONSULTING COMPANY WHICH GATHERS COMPARABLE DATA FROM A GROUP OF PEER INSTITUTIONS MINUTES OF THE COMPENSATION COMMITTEE AND SUPPORTING MATERIALS PROVIDE SUBSTANTIATION OF THE DECISIONS WHICH INCLUDES APPROVAL OF THE COMPENSATION FOR ALL OFFICERS AND DEANS EXCEPT THE PRESIDENT THE COMPENSATION COMMITTEE REPORTS ITS ACTIONS TO THE FULL BOARD THE FULL BOARD, AFTER REVIEW BY THE COMPENSATION COMMITTEE, REVIEWS AND APPROVES THE PRESIDENT'S COMPENSATION THE FORMER VICE PRESIDENT OF CORPORATE SECURITY WAS AN EMPLOYEE OF THE JOHNS HOPKINS HEALTH SYSTEM (JHHS), A SEPARATE LEGAL ENTITY, AND SERVED BOTH JOHNS HOPKINS UNIVERSITY AND JHHS THE SALARY FOR THE VICE PRESIDENT OF CORPORATE SECURITY WAS ANNUALLY REVIEWED BY THE SENIOR VICE PRESIDENT OF FINANCE AND ADMINISTRATION OF JOHNS HOPKINS UNIVERSITY AND THE PRESIDENT OF JHHS WHO MADE A RECOMMENDATION TO THE JOHNS HOPKINS MEDICINE COMPENSATION COMMITTEE FOR APPROVAL (ON BEHALF OF THE JHHS BOARD) THE APL BOARD OF MANAGERS APPROVES THE COMPENSATION FOR THE DIRECTOR THE APL BOARD OF MANAGERS IS APPOINTED BY THE UNIVERSITY'S BOARD OF TRUSTEE COMMITTEE ON THE APPLIED PHYSICS LABORATORY</p>

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION C, LINE 19	THE UNIVERSITY'S FINANCIAL STATEMENTS ARE AVAILABLE TO THE PUBLIC THROUGH THE UNIVERSITY'S WEBSITE AND UPON REQUEST CERTAIN GOVERNING DOCUMENTS AND CONFLICT OF INTEREST POLICIES ARE AVAILABLE TO THE PUBLIC ON REQUEST OR, IN SOME CASES, ON THE WEBSITE

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VII, SECTION A, COLUMN A	THE FOLLOWING INDIVIDUALS HAVE ADDITIONAL APPOINTMENTS WHICH IMPACT THEIR COMPENSATION HENRY BREM HARVEY CUSHING PROFESSOR OF NEUROSURGERY DIRECTOR, DEPARTMENT OF NEUROSURGERY PROFESSOR OF NEUROSURGERY, OPHTHALMOLOGY, ONCOLOGY AND BIOMEDICAL ENGINEERING NEUROSURGEON-IN-CHIEF, JOHNS HOPKINS MEDICAL INSTITUTIONS DIRECTOR, HUNTERIAN NEUROSURGICAL RESEARCH CENTER PAUL SPONSELLER PROFESSOR OF ORTHOPEDIC SURGERY AND PEDIATRIC ORTHOPEDIC SURGERY DIVISION CHIEF OF PEDIATRIC ORTHOPEDIC SURGERY MICHAEL LIM PROFESSOR - NEURO SURGERY NEUROSURGICAL ONCOLOGY PROFESSOR - NEUROLOGICAL SURGERY - BRAIN TUMOR ACTING STAFF FULL TIME - NEUROLOGICAL SURGERY PROFESSOR OF ONCOLOGY AND RADIATION ONCOLOGY JAMES FICKE PROFESSOR & CHAIRMAN - ORTHOPAEDICS DIRECTOR - DEPARTMENT OF ORTHOPAEDIC SURGERY

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART XI, LINE 9	NET UNREALIZED GAINS FROM SWAPS - MARK TO MARKET 83,572,000 CHANGE IN BENEFIT PLAN FUNDED STATUS 5,978,000

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As Filed Data -

DLN: 93493134074489

SCHEDULE R
(Form 990)

Department of the Treasury
Internal Revenue Service

Name of the organization
JOHNS HOPKINS UNIVERSITY

Related Organizations and Unrelated Partnerships

► Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.
► Attach to Form 990.
► Information about Schedule R (Form 990) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047

2017

Open to Public Inspection

Employer identification number
52-0595110

Part I Identification of Disregarded Entities Complete if the organization answered "Yes" on Form 990, Part IV, line 33.					
See Additional Data Table					
(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" on Form 990, Part IV, line 34 because it had one or more related tax-exempt organizations during the tax year.							
See Additional Data Table							
(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

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

See Additional Data Table

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

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

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end-of- year assets	(h) Percentage ownership	(i) Section 512(b) (13) controlled entity?	
								Yes	No
(1) CHARITABLE REMAINDER TRUSTS (103 TRUSTS) C/O 3910 KESWICK ROAD BALTIMORE, MD 21211	INVESTMENTS	MD	N/A	T		43,133,726			No

Part V Transactions With Related Organizations Complete if the organization answered "Yes" on Form 990, Part IV, line 34, 35b, or 36.**Note.** Complete line 1 if any entity is listed in Parts II, III, or IV of this schedule**1** During the tax year, did the organization engage in any of the following transactions with one or more related organizations listed in Parts II-IV?

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

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

(a) Name of related organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved
(1) ASTHMA CENTER LP	K	348,156	LEASE AGREEMENT
(2) NEPHROLOGY INVESTMENTS OF ABERDEEN INC	S	427,330	PARTNERSHIP DISTRIBUTION
(3) IMPALA BLUEBUCK LP	B	150,000,000	PARTNERSHIP CONTRIBUTION
(4) JOHNS HOPKINS PUBLIC HEALTH IN NIGERIA INITIATIVE	B	8,258,866	COST REIMBURSEMENT
(5) JHU CENTER FOR COMMUNICATIONS PROGRAMS - TANZANIA COMPANY	B	2,296,986	COST REIMBURSEMENT

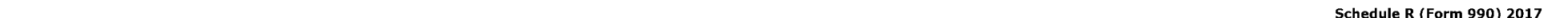
Provide the following information for each entity taxed as a partnership through which the organization conducted more than five percent of its activities (measured by total assets or gross revenue) that was not a related organization. See instructions regarding exclusion for certain investment partnerships.

[illegible]

Part VII **Supplemental Information**

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

Return Reference	Explanation
RELATED TAX-EXEMPT ENTITIES	LIST OF ENTITIES INCLUDED IN THE UNIVERSITY'S GROUP EXEMPTION * JHPIEGO CORPORATION [EIN 23-7424444] * JOHNS HOPKINS GLOBAL, INC [EIN 47-5649093] * JOHNS HOPKINS GLOBAL III, INC [EIN 83-1496989] * PEABODY INSTITUTE OF THE CITY OF BALTIMORE [EIN 52-0591627]



Additional Data

Software ID:
Software Version:
EIN: 52-0595110
Name: JOHNS HOPKINS UNIVERSITY

Form 990, Schedule R, Part I - Identification of Disregarded Entities

(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
11101 JOHNS HOPKINS ROAD TRUST 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	HOLDS TITLE TO REAL ESTATE	MD	0	60,585,732	APPLIED PHYSICS LABORATORY LLC
2733 NORTH CHARLES LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	HOLDS TITLE TO REAL ESTATE	MD	53,532	595,000	JOHNS HOPKINS UNIVERSITY
APPLIED PHYSICS LABORATORY LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595111	RESEARCH	MD	1,506,906,003	963,916,164	JOHNS HOPKINS UNIVERSITY
CHARLES & BLACKSTONE APARTMENTS LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1990969	HOLDS TITLE TO REAL ESTATE	MD	2,320,068	20,951,235	JOHNS HOPKINS UNIVERSITY
FREDERICK NEONATAL SERVICES LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	CLINICAL SERVICES	MD	2,313,095	286,384	JOHNS HOPKINS UNIVERSITY
JHHC PARTICIPATING PHYSICIANS SERIES 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	MEDICAL SERVICES	MD	0	0	JOHNS HOPKINS HEALTHCARE LLC
JH IMAGING LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	MEDICAL SERVICES	MD	0	0	JOHNS HOPKINS HEALTHCARE LLC
JHU CLINICAL BILLING LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	BILLING SERVICES	MD	72,166	0	JOHNS HOPKINS UNIVERSITY
JHU-CHARLES COMMONS LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	HOLDS TITLE TO REAL ESTATE	MD	50,000	46,698,078	JOHNS HOPKINS UNIVERSITY
JOHNS HOPKINS EMERGENCY MEDICAL SERVICES SERIES 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	EMERGENCY MEDICAL SERVICES TO HOWARD COUNTY GENERAL HOSPITAL	MD	0	0	JOHNS HOPKINS HEALTHCARE LLC
JOHNS HOPKINS MEDICINE INTERNATIONAL-1 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	INTERNATIONAL HEALTH CARE, EDUCATION	MD	0	0	JOHNS HOPKINS MEDICINE INTL LLC
JOHNS HOPKINS SETON PROPERTIES LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	HOLDS TITLE TO REAL ESTATE	MD	0	6,729,367	JOHNS HOPKINS UNIVERSITY
THE JOHNS HOPKINS UNIVERSITY (USA) FOUNDATION LIMITED 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	PROMOTES EDUCATION	UK	151,878	184	JOHNS HOPKINS UNIVERSITY
MT WASHINGTON NORTH BUSINESS TRUST 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 41-6517144	BUSINESS TRUST - REAL ESTATE AND RELATED SERVICES	MD	7,872,282	29,826,359	JOHNS HOPKINS UNIVERSITY
MT WASHINGTON SOUTH BUSINESS TRUST 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 51-6539776	BUSINESS TRUST - REAL ESTATE AND RELATED SERVICES	MD	9,323,769	23,441,520	JOHNS HOPKINS UNIVERSITY
PATIENT FIRST SERIES 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	MEDICAL SERVICES	MD	0	0	JOHNS HOPKINS HEALTHCARE LLC
STAFFORD APARTMENTS LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	HOLDS TITLE TO REAL ESTATE	MD	0	0	JOHNS HOPKINS UNIVERSITY
3111 NORTH CHARLES INVESTMENT LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	HOLDS TITLE TO REAL ESTATE	MD	30,656	70,929	JOHNS HOPKINS UNIVERSITY
RA03 NORFOLK REMAINDERCO LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	HOLDS TITLE TO REAL ESTATE	DE		1,315,000	JOHNS HOPKINS UNIVERSITY
JOHNS HOPKINS GLOBAL II LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 83-1519934	RESEARCH AND INTERNATIONAL EDUCATION	MD	0	0	JOHNS HOPKINS UNIVERSITY

Form 990, Schedule R, Part I - Identification of Disregarded Entities					
(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
HACKERMAN CHARITABLE HOLDINGS LLC 300 EAST JOPPA ROAD SUITE PL-6 BALTIMORE, MD 21286 52-0595110	INVESTMENT	DE	516,048		JOHNS HOPKINS UNIVERSITY

Form 990, Schedule R, Part II - Identification of Related Tax-Exempt Organizations

(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
5200 EASTERN AVE BALTIMORE, MD 21211	SUBSTANCE AND ABUSE TREATMENT RESEARCH	MD	501(C)(3)	509(A)(3), TYPE I	JOHNS HOPKINS UNIVERSITY	Yes	
4545 NORTH CHARLES STREET BALTIMORE, MD 212102693 52-0627782	SUPPORT CULTURAL/EDUC FACILITY	MD	501(C)(3)	LINE 12D, III-O	N/A		No
C/O 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	SOCIAL AWARENESS AND COMMUNICATIONS FOR PUBLIC HEALTH	TZ		N/A	JOHNS HOPKINS UNIVERSITY	Yes	
C/O 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	COMMUNICATIONS PROGRAMS FOR PUBLIC HEALTH	BG		N/A	JOHNS HOPKINS UNIVERSITY	Yes	
5901 HOLABIRD AVE STE A BALTIMORE, MD 21224 52-1803773	HOME HEALTH SERVICES	MD	501(C)(3)	LINE 11	JOHNS HOPKINS UNIVERSITY	Yes	
5901 HOLABIRD AVE STE A BALTIMORE, MD 21224 52-1803773	HOME HEALTH SERVICES	MD	501(C)(3)	LINE 11	JOHNS HOPKINS HOME HEALTH CARE GROUP INC	Yes	
C/O 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	COMMUNICATIONS PROGRAMS FOR PUBLIC HEALTH	NI		N/A	JOHNS HOPKINS UNIVERSITY	Yes	
C/O 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	EDUCATION	HK		N/A	JOHNS HOPKINS UNIVERSITY	Yes	
C/O 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-6644093	INVESTMENT TRUST	MD	501(C)(3)	509(A)(3), TYPE I	JOHNS HOPKINS UNIVERSITY	Yes	
C/O 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	ADVANCEMENT OF EDUCATION	UK		N/A			No

Form 990, Schedule R, Part III - Identification of Related Organizations Taxable as a Partnership

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal Domicile (State or Foreign Country)	(d) Direct Controlling Entity	(e) Predominant income(related, unrelated, excluded from tax under sections 512-514)	(f) Share of total income	(g) Share of end-of- year assets	(h) Disproportionate allocations?		(i) Code V-UBI amount in Box 20 of Schedule K-1 (Form 1065)	(j) General or Managing Partner?		(k) Percentage ownership
							Yes	No		Yes	No	
ASTHMA CENTER LP 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1542228	REAL ESTATE	MD	N/A	RELATED	-9,160	80,148		No		Yes		1 000 %
ASTHMA CENTER LP 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1542228	REAL ESTATE	MD	N/A	RELATED	-677,872	5,930,974		No			No	74 000 %
550 BROADWAY LP 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1794353	N/A	MD	N/A									
JHMI UTILITIES LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1542228	UTILITIES SERVICES TO MEMBERS	MD	N/A	RELATED	2,798,822	160,492,589		No	9,687	Yes		50 000 %
JOHNS HOPKINS HEALTHCARE LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1542228	MEDICAL SERVICES	MD	N/A	RELATED	4,007,382	127,639,250		No	-969,450	Yes		50 000 %
JOHNS HOPKINS MEDICINE INTL LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 38-3711488	INTERNATIONAL HEALTH CARE, EDUCATION	MD	N/A	RELATED	13,141,431	59,233,568		No	-2,493,290	Yes		50 000 %
HOWARD COUNTY NEONATAL SERVICES LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1794353	CLINICAL SERVICES	MD	N/A	RELATED	-67,335	-14,192		No		Yes		50 000 %
JH BROADWAY ACQUIS & DEVELOP LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 20-2814243	LAND HOLDING AND DEVELOPMENT	MD	N/A	RELATED	155,593	8,062,816		No		Yes		50 000 %
JOHNS HOPKINS MEDICINE ALLIANCE FOR PATIENTS LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1899357	MEDICAL SERVICES	MD	N/A	RELATED				No		Yes		50 000 %
JOHNS HOPKINS SURGERY CENTER SERIES LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-2144849	CLINICAL SERVICES	MD	N/A	RELATED	-353,670	2,347,179		No		Yes		50 000 %
MEDBIQUITOUS CONSORTIUM LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-2239402	INTERNET PUBLISHING	MD	N/A	RELATED	-1,015	4,542		No		Yes		50 000 %
NEPHROLOGY INVESTMENTS OF ABERDEEN LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-2284576	INVESTMENT HOLDING	MD	N/A	UNRELATED	460,499	313,905		No	460,499	Yes		60 260 %
JOHNS HOPKINS HEALTH CARE AND SURGERY CENTER DEVELOPMENT LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 82-1388814	REAL ESTATE	MD	N/A	RELATED	4,828	19,155,932		No		Yes		50 000 %
320 W 29TH STREET LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 46-5373756	REAL ESTATE	MD	N/A	EXCLUDED	-946	997,466		No		Yes		50 000 %
REMINGTON 29TH STREET LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 83-3917703	REAL ESTATE	MD	N/A	EXCLUDED				No		Yes		99 900 %

Form 990, Schedule R, Part III - Identification of Related Organizations Taxable as a Partnership												
(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) Disproprtionate 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	
IMPALA BLUEBUCK LP 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 82-4035345	INVESTMENT HOLDING	DE	N/A	EXCLUDED				No			No	74 400 %