

For Paperwork Reduction Act Notice, see the separate instructions. Cat No 11282Y Form **990** (2018)

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 \$ 5,425,084,000 including grants of \$ 814,745,000) (Revenue \$ 4,400,531,000)

See Additional Data

4b (Code) (Expenses \$ 100,196,000 including grants of \$) (Revenue \$ 106,130,000)

See Additional Data

4c (Code) (Expenses \$ 136,198,000 including grants of \$) (Revenue \$)

See Additional Data

(Code) (Expenses \$ 53,611,000 including grants of \$) (Revenue \$)

LIBRARIES

4d Other program services (Describe in Schedule O)

(Expenses \$ 53,611,000 including grants of \$) (Revenue \$)

4e Total program service expenses **▶** 5,715,089,000

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
20a Did the organization operate one or more hospital facilities? If "Yes," complete Schedule H	20a	No
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?	20b	
21 Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? If "Yes," complete Schedule I, Parts I and II	21 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? If "Yes," complete Schedule I, Parts I and III	22 Yes	

Part IV Checklist of Required Schedules (continued)

		Yes	No
23	Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J</i>	23 Yes	
24a	Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a</i>	24a Yes	
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	24b	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?	24c	No
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	24d	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>	25a	No
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>	25b	No
26	Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If "Yes," complete Schedule L, Part II</i>	26 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>	27	No
28	Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions)		
a	A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28a 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>	28b 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>	28c Yes	
29	Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	29 Yes	
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i>	30 Yes	
31	Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>	31	No
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i>	32	No
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i>	33 Yes	
34	Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1</i>	34 Yes	
35a	Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a 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>	35b 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>	36 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>	37	No
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? Note. All Form 990 filers are required to complete Schedule O	38 Yes	

Part V Statements Regarding Other IRS Filings and Tax ComplianceCheck 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 41,731	
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	46,025	2b	Yes	
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 BG, IV, ET, GH, GV, HK, IN, ID, IT, KE, LI, MI, MZ, NP, NI, TZ, UG, UK, VM, CA, CI, ML, WZ, SL, ZA,						
5a If "Yes," enter the name of the foreign country: CG Was the organization or a party to a prohibited tax shelter transaction at any time during the tax year?				5a		No
b See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR) 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	1	
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?				14a		No
b If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O				14b		
15 Is the organization subject to the section 4960 tax on payment(s) of more than \$1,000,000 in remuneration or excess parachute payment(s) during the year? If "Yes," see instructions and file Form 4720, Schedule N				15	Yes	
16 Is the organization an educational institution subject to the section 4968 excise tax on net investment income? If "Yes," complete Form 4720, Schedule O				16		No

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	1a 41		
If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O			
b Enter the number of voting members included in line 1a, above, who are independent	1b 37		
2 Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?	2	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?	3		No
4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4	Yes	
5 Did the organization become aware during the year of a significant diversion of the organization's assets?	5		No
6 Did the organization have members or stockholders?	6		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?	7a		No
b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	7b		No
8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:			
a The governing body?	8a	Yes	
b Each committee with authority to act on behalf of the governing body?	8b	Yes	
9 Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O	9		No

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

	Yes	No
10a Did the organization have local chapters, branches, or affiliates?	10a Yes	
b If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?	10b Yes	
11a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	11a Yes	
b Describe in Schedule O the process, if any, used by the organization to review this Form 990		
12a Did the organization have a written conflict of interest policy? If "No," go to line 13	12a Yes	
b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12b Yes	
c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done	12c Yes	
13 Did the organization have a written whistleblower policy?	13 Yes	
14 Did the organization have a written document retention and destruction policy?	14 Yes	
15 Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?		
a The organization's CEO, Executive Director, or top management official	15a Yes	
b Other officers or key employees of the organization	15b Yes	
If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions)		
16a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?	16a Yes	
b If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?	16b 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-A 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

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

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

☒

● List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.

● List all of the organization's **current** key employees, if any. See instructions for definition of "key employee."

• List the organization's five **current** highest compensated employees (other than an officer, director, trustee or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations

● List all of the organization's **former** officers, key employees, or highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations

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

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

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

[illegible]

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

[illegible]

1b Sub-Total			
c Total from continuation sheets to Part VII, Section A			
d Total (add lines 1b and 1c)	25,456,976	0	4,929,265

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 ▶ 9,391

		Yes	No
3	Did the organization list any former officer, director or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i>	3 Yes	
4	For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If "Yes," complete Schedule J for such individual</i>	4 Yes	
5	Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? <i>If "Yes," complete Schedule J for such person</i>	5	No

Section B. Independent Contractors

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

(A)	(B)	(C)
Name and business address	Description of services	Compensation
BROADWAY SERVICES INC 3709 E MONUMENT ST BALTIMORE, MD 21205	SECURITY, PARKING, SHUTTLE, FACILITY MAN	22,598,305
WILEY EDUCATION LLC 1415 W 22ND STREET 400 OAKBROOK, IL 60523	ONLINE EDUCATION SERVICES	17,625,706
BON APPETIT MANAGEMENT COMPANY 100 HAMILTON AVE SUITE 400 PALO ALTO, CA 94301	FOOD SERVICE	15,687,425
WHITING TURNER CONTRACTING COMPANY 300 EAST JOPPA RD BALTIMORE, MD 21286	CONSTRUCTION SERVICES	11,069,554
RIPARIUS CONSTRUCTION INC 25 SHILLING RD HUNT VALLEY, MD 21031	CONSTRUCTION SERVICES	8,657,055

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization ► 692

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	1,640,000		
d	Related organizations	1d			
e	Government grants (contributions)	1e	990,845,000		
f	All other contributions, gifts, grants, and similar amounts not included above	1f	2,494,921,000		
g	Noncash contributions included in lines 1a - 1f \$		1,608,033,000		
h Total.	Add lines 1a-1f		3,487,406,000		

Program Service Revenue

	Business Code				
2a	CONTRACT REVENUE	541700	1,940,571,000	1,940,571,000	
b	TUITION AND FEES	611310	1,054,159,000	1,054,159,000	
c	CLINICAL SERVICES	541900	745,197,000	745,197,000	
d	REIMB FROM AFFILIATES	541900	607,930,000	607,930,000	
e	SALES - AUXILIARY ENTP	721310	106,189,000	106,130,000	59,000
f	All other program service revenue		74,339,000	52,674,000	21,665,000
g Total.	Add lines 2a-2f		4,528,385,000		

Other Revenue

3	Investment income (including dividends, interest, and other similar amounts)		85,759,000			85,759,000
4	Income from investment of tax-exempt bond proceeds					
5	Royalties		111,969,000			111,969,000
6a	Gross rents	(i) Real	(ii) Personal			
		4,586,000	81,000			
b	Less rental expenses	0	0			
c	Rental income or (loss)	4,586,000	81,000			
d	Net rental income or (loss)		4,667,000		81,000	4,586,000
7a	Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other			
		4,483,558,000				
b	Less cost or other basis and sales expenses	4,223,420,000	940,000			
c	Gain or (loss)	260,138,000	-940,000			
d	Net gain or (loss)		259,198,000			259,198,000
8a	Gross income from fundraising events (not including \$ 1,640,000 of contributions reported on line 1c) See Part IV, line 18	a	299,000			
b	Less direct expenses	b	366,000			
c	Net income or (loss) from fundraising events		-67,000			-67,000
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		8,477,317,000	4,506,661,000	21,805,000	461,445,000

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.	333,608,000	333,608,000		
2 Grants and other assistance to domestic individuals. See Part IV, line 22.	400,268,000	400,268,000		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, line 15 and 16.	80,869,000	80,869,000		
4 Benefits paid to or for members.				
5 Compensation of current officers, directors, trustees, and key employees.	13,485,000	1,793,000	10,706,000	986,000
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B).	1,861,000	1,728,000	133,000	
7 Other salaries and wages.	2,788,591,000	2,580,935,000	168,157,000	39,499,000
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions).	245,836,000	236,366,000	7,868,000	1,602,000
9 Other employee benefits.	499,678,000	438,750,000	51,872,000	9,056,000
10 Payroll taxes.	121,371,000	114,101,000	5,926,000	1,344,000
11 Fees for services (non-employees):				
a Management.	27,491,000	19,485,000	7,891,000	115,000
b Legal.	38,566,000	187,000	38,367,000	12,000
c Accounting.	1,651,000	48,000	1,603,000	
d Lobbying.	1,458,000		1,458,000	
e Professional fundraising services. See Part IV, line 17.	1,082,000			1,082,000
f Investment management fees.	18,796,000		18,796,000	
g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O).	504,169,000	415,347,000	80,313,000	8,509,000
12 Advertising and promotion.	26,546,000	22,726,000	2,871,000	949,000
13 Office expenses.	136,122,000	125,166,000	5,276,000	5,680,000
14 Information technology.	62,243,000	52,560,000	9,356,000	327,000
15 Royalties.	35,922,000	11,941,000	23,886,000	95,000
16 Occupancy.	119,852,000	104,297,000	13,434,000	2,121,000
17 Travel.	101,945,000	95,440,000	3,887,000	2,618,000
18 Payments of travel or entertainment expenses for any federal, state, or local public officials.				
19 Conferences, conventions, and meetings.	17,156,000	16,243,000	674,000	239,000
20 Interest.	44,518,000	43,179,000	916,000	423,000
21 Payments to affiliates.				
22 Depreciation, depletion, and amortization.	220,539,000	194,266,000	25,622,000	651,000
23 Insurance.	92,976,000	89,578,000	3,259,000	139,000
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 MISCELLANEOUS EXP	169,332,000	168,964,000		368,000
b RESEARCH/LAB EXPENSES	163,802,000	162,104,000	1,504,000	194,000
c STREETSCAPE PROJECTS	4,525,000	4,525,000		
d BOND REFINANCING LOSS	615,000	615,000		
e All other expenses	-12,408,000		-12,408,000	
25 Total functional expenses. Add lines 1 through 24e.	6,262,465,000	5,715,089,000	471,367,000	76,009,000
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	60,704,000	1	29,279,000
	2 Savings and temporary cash investments	201,652,000	2	281,922,000
	3 Pledges and grants receivable, net	500,150,000	3	326,974,000
	4 Accounts receivable, net	642,304,000	4	717,620,000
	5 Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L	875,000	5	750,000
	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	2,507,000	8	2,519,000
	9 Prepaid expenses and deferred charges	60,643,000	9	68,232,000
	10a Land, buildings, and equipment—cost or other basis. Complete Part VI of Schedule D	10a 5,414,800,000		
	b Less: accumulated depreciation	10b 3,226,035,000	2,126,913,000	10c 2,188,765,000
	11 Investments—publicly traded securities	3,465,330,000	11	3,535,847,000
	12 Investments—other securities. See Part IV, line 11	3,109,787,000	12	5,096,076,000
	13 Investments—program-related. See Part IV, line 11	30,834,000	13	27,021,000
	14 Intangible assets		14	
	15 Other assets. See Part IV, line 11	446,269,000	15	487,881,000
16 Total assets. Add lines 1 through 15 (must equal line 34)	10,647,968,000	16	12,762,886,000	
Liabilities	17 Accounts payable and accrued expenses	621,282,000	17	658,936,000
	18 Grants payable	15,400,000	18	8,400,000
	19 Deferred revenue	555,785,000	19	534,628,000
	20 Tax-exempt bond liabilities	408,610,000	20	405,190,000
	21 Escrow or custodial account liability. Complete Part IV of Schedule D	621,769,000	21	623,028,000
	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	83,755,000	23	71,009,000
	24 Unsecured notes and loans payable to unrelated third parties	754,627,000	24	777,954,000
	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	407,284,000	25	584,111,000
	26 Total liabilities. Add lines 17 through 25	3,468,512,000	26	3,663,256,000
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	2,989,309,000	27	2,980,246,000
	28 Temporarily restricted net assets	1,482,810,000	28	1,440,609,000
	29 Permanently restricted net assets	2,707,337,000	29	4,678,775,000
	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	7,179,456,000	33	9,099,630,000	
34 Total liabilities and net assets/fund balances	10,647,968,000	34	12,762,886,000	

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	8,477,317,000
2	Total expenses (must equal Part IX, column (A), line 25)	2	6,262,465,000
3	Revenue less expenses Subtract line 2 from line 1	3	2,214,852,000
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	7,179,456,000
5	Net unrealized gains (losses) on investments	5	-109,881,000
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	-184,797,000
10	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	9,099,630,000

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 (2018)

Form 990, Part III, Line 4a:

INSTRUCTION, RESEARCH AND CLINICAL PRACTICE EDUCATION AND RELATED SERVICES (E G , ROOM AND BOARD) ARE PROVIDED TO OVER 26,000 STUDENTS INCLUDING APPROXIMATELY 14,500 FULL-TIME AND 11,500 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
FLAHERTY PAMELA P TRUSTEE, FORMER CHAIR	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

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			
HOMCY CHARLES TRUSTEE	3 00	X						0	0	0
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
MILLER WILLIAM 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
OFFIT MORRIS W TRUSTEE, FORMER CHAIR	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			
O'HAGAN SARAH TRUSTEE	3 00	X						0	0	0
PENN ANIKA TRUSTEE	3 00	X						0	0	0
PEETZ KAREN TRUSTEE	3 00	X						0	0	0
ROUGHEAD GARY TRUSTEE	3 00	X						25,000	0	0
SALANT MARSHAL TRUSTEE	3 00	X						0	0	0
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

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			
DANIELS RONALD J PRESIDENT, TRUSTEE	50 00	X		X				1,705,856	0	1,142,933
ATES KATHERINE VP & CHIEF OF STAFF	50 00			X				623,133	0	203,668
BJORKLUND CYBELE VP-FEDERAL STRATEGY	50 00			X				0	0	0
CONWAY HEIDI VP-HUMAN RESOURCES	50 00			X				389,188	0	72,380
ENNIS DANIEL G SR VP-FINANCE & ADMINISTRATION	50 00			X				1,146,818	0	354,320
GRADY HELENE VP-PLANNING & BUDGET	50 00			X				367,178	0	61,990
HYATT MELISSA VP-CORPORATE SECURITY	50 00			X				251,701	0	27,472
KUMAR SUNIL SR VP-ACADEMIC AFFAIRS & PROVOST	50 00			X				800,987	0	241,692
LEWIS THOMAS VP-GOVERNMENT & COMMUNITY AFFAIRS	50 00			X				339,309	0	46,070
MARSH MAUREEN SECRETARY OF THE BOARD OF TRUSTEES	50 00			X				399,720	0	92,912

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			
MCLEAN ROBERT VP FOR FACILITIES & REAL ESTATE	50 00			X				385,789	0	47,027
PERLIONI JASON VP-INVESTMENTS & CIO	50 00			X				1,988,290	0	113,759
PINEAU ARTHUR VP AND GENERAL COUNSEL	50 00			X				630,773	0	148,935
RIDGE SUSAN VP-COMMUNICATIONS & PUBLIC AFFAIRS	50 00			X				424,547	0	59,317
ROTHMAN PAUL CEO & DEAN OF MEDICAL FACULTY	50 00			X				2,110,495	0	638,797
SCHROEDER FREDERIC VP-DEVELOPMENT & ALUMNI RELATIONS	50 00			X				1,061,684	0	315,441
SEMMELE RALPH DIRECTOR-APL	50 00			X				1,166,965	0	541,272
REEL STEPHANIE VICE PROVOST FOR INFO TECHNOLOGY	50 00				X			856,646	0	81,536
BREM HENRY PROFESSOR (SEE SCHED O)	50 00					X		1,908,252	0	158,320
HIGGINS ROBERT PROFESSOR (SEE SCHED O)	50 00					X		1,121,714	0	154,602

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			
LEE W P ANDREW PROFESSOR (SEE SCHED O)	50 00					X		1,290,397	0	119,618
LIM MICHAEL PROFESSOR (SEE SCHED O)	50 00					X		1,434,215	0	50,349
SPONSELLER PAUL PROFESSOR (SEE SCHED O)	50 00					X		1,487,211	0	72,098
KLAG MICHAEL FORMER DEAN - SCHOOL OF PUBLIC HEALTH	50 00						X	611,097	0	99,416
LIEBERMAN ROBERT FORMER SR VP-ACADEMIC AFFAIRS & PROV	50 00						X	383,966	0	85,341
SPECTOR PHILLIP FORMER VP-STRATEGIC INITIATIVES	25 00						X	195,363	0	0
STARK WALTER J FORMER PROFESSOR	0 00						X	2,350,682	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.

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

OMB No 1545-0047

2018

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) 2014	(b) 2015	(c) 2016	(d) 2017	(e) 2018	(f) Total
1	Gifts, grants, contributions, and membership fees received (Do not include any "unusual grant ")	1,811,897,000	1,914,949,000	2,192,834,000	2,157,387,000	3,487,406,000	11,564,473,000
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	1,811,897,000	1,914,949,000	2,192,834,000	2,157,387,000	3,487,406,000	11,564,473,000
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)						1,481,645,579
6	Public support. Subtract line 5 from line 4						10,082,827,421

Section B. Total Support							
Calendar year (or fiscal year beginning in) ►		(a)2014	(b)2015	(c)2016	(d)2017	(e)2018	(f)Total
7	Amounts from line 4	1,811,897,000	1,914,949,000	2,192,834,000	2,157,387,000	3,487,406,000	11,564,473,000
8	Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	98,546,000	134,312,000	108,891,000	117,993,000	202,314,000	662,056,000
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						12,226,529,000
12	Gross receipts from related activities, etc (see instructions)					12	20,157,182,000
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 2018 (line 6, column (f) divided by line 11, column (f))	14 82.470 %
15	Public support percentage for 2017 Schedule A, Part II, line 14	15 91.150 %
16a	33 1/3% support test—2018. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization. ► <input checked="" type="checkbox"/>	
b	33 1/3% support test—2017. 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—2018. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization. ► <input type="checkbox"/>	
b	10%-facts-and-circumstances test—2017. 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) 2014	(b) 2015	(c) 2016	(d) 2017	(e) 2018	(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) 2014	(b) 2015	(c) 2016	(d) 2017	(e) 2018	(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 2018 (line 8, column (f) divided by line 13, column (f))	15	
16 Public support percentage from 2017 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2018 (line 10c, column (f) divided by line 13, column (f))	17	
18 Investment income percentage from 2017 Schedule A, Part III, line 17	18	

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

b 33 1/3% support tests—2017. 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? <i>If "Yes" to a, b, or c, provide detail in Part VI</i>		

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

Section C. Type II Supporting Organizations

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

Section D. All Type III Supporting Organizations

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

Section E. Type III Functionally-Integrated Supporting Organizations

1 Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions)		
a <input type="checkbox"/> The organization satisfied the Activities Test. Complete line 2 below.		
b <input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete line 3 below.		
c <input type="checkbox"/> The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see instructions).		
2 Activities Test. Answer (a) and (b) below.		
a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? <i>If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.</i>		
b Did the activities described 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? <i>If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.</i>		
3 Parent of Supported Organizations. Answer (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? <i>Provide details in Part VI.</i>		
b Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? <i>If "Yes," describe in Part VI the role played by the organization in this regard.</i>		

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations			
<div><div>1</div><div><input type="checkbox"/></div><div>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.</div></div>			
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	<div><div><input type="checkbox"/></div><div>Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions).</div></div>		

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 2018 from Section C, line 6	
10 Line 8 amount divided by Line 9 amount	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2018	(iii) Distributable Amount for 2018
1 Distributable amount for 2018 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2018 (reasonable cause required-- explain in Part VI) See instructions			
3 Excess distributions carryover, if any, to 2018			
a From 2013.			
b From 2014.			
c From 2015.			
d From 2016.			
e From 2017.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2018 distributable amount			
i Carryover from 2013 not applied (see instructions)			
j Remainder Subtract lines 3g, 3h, and 3i from 3f			
4 Distributions for 2018 from Section D, line 7 \$			
a Applied to underdistributions of prior years			
b Applied to 2018 distributable amount			
c Remainder Subtract lines 4a and 4b from 4			
5 Remaining underdistributions for years prior to 2018, if any Subtract lines 3g and 4a from line 2 If the amount is greater than zero, explain in Part VI See instructions			
6 Remaining underdistributions for 2018 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 2019. Add lines 3j and 4c			
8 Breakdown of line 7			
a Excess from 2014.			
b Excess from 2015.			
c Excess from 2016.			
d Excess from 2017.			
e Excess from 2018.			

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) Department of the Treasury Internal Revenue Service	Political Campaign and Lobbying Activities For Organizations Exempt From Income Tax Under section 501(c) and section 527 ▶Complete if the organization is described below. ▶Attach to Form 990 or Form 990-EZ. ▶Go to www.irs.gov/Form990 for instructions and the latest information.	OMB No 1545-0047 2018 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
--	--

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) 2015	(b) 2016	(c) 2017	(d) 2018	(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		1,458,125
h	Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?		No	
i	Other activities?		No	
j	Total. Add lines 1c through 1i			1,458,125
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).	2a	
a	Current year	2b	
b	Carryover from last year	2c	
c	Total	3	
3	Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues	4	
4	If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the excess does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and political expenditure next year?	5	
5	Taxable amount of lobbying and political expenditures (see instructions)		

Part IV Supplemental Information

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

Return Reference	Explanation
PART II-B, LINE 1	THE JOHNS HOPKINS OFFICES OF FEDERAL STRATEGY AND GOVERNMENT AND COMMUNITY AFFAIRS SERVE AS A RESOURCE FOR POLICY MAKERS AND OTHER JOHNS HOPKINS OFFICIALS TO ADVANCE THE CONGRESSIONAL, STATE, AND LOCAL LEGISLATIVE AND REGULATORY INTERESTS OF JOHNS HOPKINS UNIVERSITY (JHU). IN FISCAL YEAR 2019, MEMBERS OF THE FEDERAL STRATEGY AND GOVERNMENT AND COMMUNITY AFFAIRS OFFICES LOBBIED FEDERAL, STATE, AND LOCAL GOVERNMENT OFFICIALS ON MULTIPLE ISSUES INCLUDING BUDGETS AND APPROPRIATIONS, EDUCATION INCLUDING HIGHER EDUCATION, K-12 AND EARLY CHILDHOOD, HEALTH CARE INCLUDING MEDICARE/MEDICAID AND PHARMACEUTICAL POLICY, SCIENCE AND TECHNOLOGY, SECURITY, TAXATION, LABOR, WORKPLACE, ANTITRUST, RETIREMENT, IMMIGRATION AND THE ENVIRONMENT. GOVERNMENT AND COMMUNITY AFFAIRS ALSO 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, PEDESTRIAN SAFETY, PUBLIC SAFETY, 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 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 2019. THE FOCUS HAS BEEN PRIMARILY ON THE APPROPRIATIONS AND ARMED SERVICES COMMITTEES WITHIN THE U.S. CONGRESS.

SCHEDULE D
(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

► Complete if the organization answered "Yes," on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.
► Attach to Form 990.
► Go to www.irs.gov/Form990 for the latest information.

OMB No 1545-0047

2018

Open to Public Inspection

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)	35,620	0
3 Aggregate value of grants from (during year)	345,000	0
4 Aggregate value at end of year	215,716	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?

☒ Yes ☐ No

6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit?

☒ Yes ☐ No

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

1 Purpose(s) of conservation easements held by the organization (check all that apply)

☐ Preservation of land for public use (e g , recreation or education)

☐ Preservation of an historically important land area

☐ Protection of natural habitat

☐ Preservation of a certified historic structure

☐ Preservation of open space

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

	Held at the End of the Year
a Total number of conservation easements	2a
b Total acreage restricted by conservation easements	2b
c Number of conservation easements on a certified historic structure included in (a)	2c
d Number of conservation easements included in (c) acquired after 7/25/06, and not on a historic structure listed in the National Register	2d

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

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

5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds?

☐ Yes ☐ No

6 Staff and volunteer hours devoted to monitoring, inspecting, 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)?

☐ Yes ☐ No

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

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.
Complete if the organization answered "Yes" 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

► \$

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	4,190,520,000	3,744,751,000	3,306,987,000	3,326,932,000	3,392,529,000
b Contributions	2,095,842,000	298,290,000	230,445,000	155,525,000	83,295,000
c Net investment earnings, gains, and losses	186,347,000	330,965,000	405,542,000	-17,203,000	2,129,000
d Grants or scholarships	30,735,000	29,754,000	27,683,000	25,984,000	24,474,000
e Other expenditures for facilities and programs	128,533,000	118,923,000	137,656,000	101,698,000	97,529,000
f Administrative expenses	37,502,000	34,809,000	32,884,000	30,585,000	29,018,000
g End of year balance	6,275,939,000	4,190,520,000	3,744,751,000	3,306,987,000	3,326,932,000

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

a Board designated or quasi-endowment ▶ 15 500 %

b Permanent endowment ▶ 70 700 %

c Temporarily restricted endowment ▶ 13 800 %

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

(ii) related organizations

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

	Yes	No
3a(i)	Yes	
3a(ii)		No
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		116,825,000		116,825,000
b Buildings		3,448,249,000	2,056,721,000	1,391,528,000
c Leasehold improvements		113,902,000	79,276,000	34,626,000
d Equipment		1,171,385,000	925,120,000	246,265,000
e Other		564,439,000	164,918,000	399,521,000
Total. Add lines 1a through 1e (Column (d) must equal Form 990, Part X, column (B), line 10(c)) . . . ▶				2,188,765,000

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	301,847,000	F
(B) PRIVATE EQUITY AND VENTURE CAPITAL	1,240,850,000	F
(C) REAL PROPERTY ASSETS	1,073,898,000	F
(D) ABSOLUTE RETURN FUNDS	2,257,347,000	F
(E) INVESTMENTS IN AFFILIATES	222,134,000	F
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col (B) line 12) ▶	5,096,076,000	

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	181,599,000	
SWAP-MARKET VALUE ADJUSTMENT	23,970,000	
DEFERRED COMPENSATION LIABILITIES	132,297,000	
MCIC MEDICAL MALPRACTICE LIABILITY	140,436,000	
GOVERNMENT LOAN FUND ADVANCES	23,822,000	
OTHER LIABILITIES	26,036,000	
DUE TO AFFILIATE	55,951,000	
(8)		
(9)		
Total. (Column (b) must equal Form 990, Part X, col (B) line 25) ▶	584,111,000	

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

☒

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

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

1	Total revenue, gains, and other support per audited financial statements	1	8,376,544,000
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12		
a	Net unrealized gains (losses) on investments	2a	-109,880,000
b	Donated services and use of facilities	2b	
c	Recoveries of prior year grants	2c	
d	Other (Describe in Part XIII)	2d	
e	Add lines 2a through 2d	2e	-109,880,000
3	Subtract line 2e from line 1	3	8,486,424,000
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	18,797,000
b	Other (Describe in Part XIII)	4b	-27,904,000
c	Add lines 4a and 4b	4c	-9,107,000
5	Total revenue. Add lines 3 and 4c . (This must equal Form 990, Part I, line 12)	5	8,477,317,000

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

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

1	Total expenses and losses per audited financial statements	1	6,277,380,000
2	Amounts included on line 1 but not on Form 990, Part IX, line 25		
a	Donated services and use of facilities	2a	
b	Prior year adjustments	2b	
c	Other losses	2c	
d	Other (Describe in Part XIII)	2d	
e	Add lines 2a through 2d	2e	0
3	Subtract line 2e from line 1	3	6,277,380,000
4	Amounts included on Form 990, Part IX, line 25, but not on line 1 :		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	18,796,000
b	Other (Describe in Part XIII)	4b	-33,711,000
c	Add lines 4a and 4b	4c	-14,915,000
5	Total expenses. Add lines 3 and 4c . (This must equal Form 990, Part I, line 18)	5	6,262,465,000

Part XIII Supplemental Information

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

Return Reference	Explanation
See Additional Data Table	

Part XIII Supplemental Information *(continued)*

Return Reference	Explanation

Additional Data

Software ID:
Software Version:
EIN: 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, L ANDOWSKA, 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 HOUSED 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 UNVERSITY'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 -940,000 STUDENT AID 363,694,000 JOINT VENTURE- NON- OPERATING INCOME -1,411,000 AFFILIATE ACTIVITY NOT INCLUDED IN FORM 990 -389,247,000

Supplemental Information

Return Reference	Explanation
PART XII, LINE 4B - OTHER ADJUSTMENTS	FINANCIAL AID, NETTED IN TUITION 363,693,000 LOSS ON DISPOSAL OF OTHER ASSETS -940,000 OTHER FIN-47 ASSET RETIREMENT OBLIGATIONS -203,000 OTHER NET PERIODIC BENEFIT COSTS -5,908,000 APL VEBA TRUST TRANSFER -2,920,000 HENDERSON HOPKINS CHARLES VILLAGE STREETSCAPE 4,525,000 BOND REFINANCING LOSS 615,000 DEFERRED TAX EXPENSE -12,408,000 AFFILIATE ACTIVITY NOT INCLUDED ON FORM 990 -380,121,000 OTHER MISC -44,000

Supplemental Information

Return Reference	Explanation
SCHEDULE D, PART XI, LINE 1	RECONCILIATION OF TOTAL REVENUE PER AUDITED FINANCIAL STATEMENTS TOTAL OPERATING REVENUES \$6,410,117,000 NON-OPERATING CONTRIBUTIONS 2,091,797,000 NON-OPERATING INVESTMENT RETURN (20,277,000) NON-OPERATING OTHER INCOME 13,318,000 NET ASSETS RELEASED FROM RESTRICTIONS (118,411,000) ----- TOTAL REVENUE [PART XI,LINE 1] \$8,376,544,000

Supplemental Information	
Return Reference	Explanation
SCHEDULE D, PART XII, LINE 1	RECONCILIATION OF TOTAL EXPENSES PER AUDITED FINANCIAL STATEMENTS TOTAL OPERATING EXPENSES \$6,277,380,000 ----- TOTAL EXPENSES [PART XII, LINE 1] \$6,277,380,000

SCHEDULE E (Form 990 or 990-EZ)	<div>Schools</div> <div>▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 13, or Form 990-EZ, Part VI, line 48.</div> <div>▶ Attach to Form 990 or Form 990-EZ.</div> <div>▶ Go to www.irs.gov/Form990EZ for the latest instructions.</div>	OMB No 1545-0047
		2018
		Open to Public Inspection

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?	1	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?	2	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	3	Yes
4	Does the organization maintain the following?		
a	Records indicating the racial composition of the student body, faculty, and administrative staff?	4a	Yes
b	Records documenting that scholarships and other financial assistance are awarded on a racially nondiscriminatory basis?	4b	Yes
c	Copies of all catalogues, brochures, announcements, and other written communications to the public dealing with student admissions, programs, and scholarships?	4c	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	4d	Yes
5	Does the organization discriminate by race in any way with respect to		
a	Students' rights or privileges?	5a	No
b	Admissions policies?	5b	No
c	Employment of faculty or administrative staff?	5c	No
d	Scholarships or other financial assistance?	5d	No
e	Educational policies?	5e	No
f	Use of facilities?	5f	No
g	Athletic programs?	5g	No
h	Other extracurricular activities? If you answered "Yes" to any of the above, please explain If you need more space, use Part II	5h	No
6a	Does the organization receive any financial aid or assistance from a governmental agency?	6a	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	6b	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	7	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

Name of the organization
JOHNS HOPKINS UNIVERSITY

Statement of Activities Outside the United States

- Complete if the organization answered "Yes" to Form 990, Part IV, line 14b, 15, or 16.
► Attach to Form 990.
► Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No 1545-0047

2018

**Open to Public
Inspection**

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
See Add'l Data					
3a Sub-total	4	95			1,482,930,711
b Total from continuation sheets to Part I					351,067,818
c Totals (add lines 3a and 3b)	88	2,341			1,833,998,529

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.

[illegible]

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	271
---	---	-----

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.

[illegible]

Part IV Foreign Forms

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

Part V Supplemental Information

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

990 Schedule F, Supplemental Information

Return Reference	Explanation
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

990 Schedule F, Supplemental Information

Return Reference	Explanation
PART I, LINE 3	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 2018 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

990 Schedule F, Supplemental Information

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

990 Schedule F, Supplemental Information

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	0	7	PROGRAM SERVICES & GRANTS	INSTRUCTION & SPONSORED RESEARCH	223,363
CENTRAL AMERICA AND THE CARIBBEAN			BUSINESS TRAVEL	N/A	455,112

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
CENTRAL AMERICA AND THE CARIBBEAN			INVESTMENTS	N/A	1,468,706,831
EAST ASIA AND THE PACIFIC			STUDENT LOANS	N/A	658,384

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	4	88	PROGRAM SERVICES & GRANTS	INSTRUCTION & SPONSORED RESEARCH	8,073,644
EAST ASIA AND THE PACIFIC			PROGRAM SERVICES	GENERAL SERVICES & ADMINISTRATION	462,095

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	971,588
EAST ASIA AND THE PACIFIC			BUSINESS TRAVEL	N/A	3,379,694

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			INVESTMENTS	N/A	37,529,416
EUROPE (INCLUDING ICELAND & GREENLAND)			STUDENT LOANS	N/A	2,663,258

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)	5	72	PROGRAM SERVICES & GRANTS	INSTRUCTION & SPONSORED RESEARCH	18,036,208
EUROPE (INCLUDING ICELAND & GREENLAND)			PROGRAM SERVICES	GENERAL SERVICES & ADMINISTRATION	2,962,311

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	1,111,107
EUROPE (INCLUDING ICELAND & GREENLAND)			PROGRAM SERVICES	LIBRARIES	507,122

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	799,429
EUROPE (INCLUDING ICELAND & GREENLAND)			PROGRAM SERVICES	STUDENT AID	420,945

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)			BUSINESS TRAVEL	N/A	6,547,847
EUROPE (INCLUDING ICELAND & GREENLAND)			INVESTMENTS	N/A	94,809,502

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		1	PROGRAM SERVICES & GRANTS	INSTRUCTION & SPONSORED RESEARCH	413,225
MIDDLE EAST AND NORTH AFRICA			BUSINESS TRAVEL	N/A	659,583

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			INVESTMENTS	N/A	577,427
NORTH AMERICA		11	PROGRAM SERVICES & GRANTS	INSTRUCTION & SPONSORED RESEARCH	2,658,139

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	1,121,599
NORTH AMERICA			INVESTMENTS	N/A	1,690,653

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		2	PROGRAM SERVICES & GRANTS	INSTRUCTION & SPONSORED RESEARCH	113,148
RUSSIA AND NEIGHBORING STATES			BUSINESS TRAVEL	N/A	157,245

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	4	22	PROGRAM SERVICES & GRANTS	INSTRUCTION & SPONSORED RESEARCH	2,802,599
SOUTH AMERICA			BUSINESS TRAVEL	N/A	792,287

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	8	954	PROGRAM SERVICES & GRANTS	INSTRUCTION & SPONSORED RESEARCH	13,978,801
SOUTH ASIA			BUSINESS TRAVEL	N/A	1,722,025

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	67	1,184	PROGRAM SERVICES & GRANTS	INSTRUCTION & SPONSORED RESEARCH	99,218,689
SUB-SAHARAN AFRICA			BUSINESS TRAVEL	N/A	5,141,579

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			INVESTMENTS	N/A	54,633,674

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	135,151	WIRE TRANSFER		N/A	N/A
		CENTRAL AMERICA AND THE CARIBBEAN	SPONSORED RESEARCH - SUB AWARD	121,528	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)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	300,139	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	284,303	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	246,478	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	220,202	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	114,352	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	101,049	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	89,625	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	83,900	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	80,000	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	79,635	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	73,914	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	68,510	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	59,142	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	58,182	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	56,241	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	45,138	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	43,689	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	30,332	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	23,148	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	20,000	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	18,375	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	17,820	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)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	15,815	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	15,364	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	12,901	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	11,344	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	10,100	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	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)
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	8,000	WIRE TRANSFER		N/A	N/A
		EAST ASIA AND THE PACIFIC	SPONSORED RESEARCH - SUB AWARD	7,000	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	5,630	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	8,622,060	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	975,622	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	864,295	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	471,503	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	378,500	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)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	345,353	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	290,665	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	276,500	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	231,470	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	223,750	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	189,915	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	186,006	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	184,738	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	181,238	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	150,073	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	133,428	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	118,407	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	113,922	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	111,010	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)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	108,317	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	101,342	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	89,320	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	87,601	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	87,394	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	82,247	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	77,569	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	77,017	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)
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	73,790	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	71,318	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	65,327	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	56,674	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	55,114	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	54,000	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	42,601	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	38,000	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	29,541	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	27,380	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	25,187	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	25,000	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	24,112	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	23,850	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	21,426	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	18,446	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	16,393	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	15,106	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	12,000	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	11,637	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 - CONTRIBUTION	11,439	WIRE TRANSFER		N/A	N/A
		EUROPE (INCLUDING ICELAND & GREENLAND)	SPONSORED RESEARCH - SUB AWARD	6,298	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)
		MIDDLE EAST AND NORTH AFRICA	SPONSORED RESEARCH - SUB AWARD	93,090	WIRE TRANSFER		N/A	N/A
		MIDDLE EAST AND NORTH AFRICA	SPONSORED RESEARCH - SUB AWARD	73,466	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	58,102	WIRE TRANSFER		N/A	N/A
		MIDDLE EAST AND NORTH AFRICA	SPONSORED RESEARCH - SUB AWARD	51,133	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	19,496	WIRE TRANSFER		N/A	N/A
		MIDDLE EAST AND NORTH AFRICA	SPONSORED RESEARCH - SUB AWARD	17,987	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	1,040,309	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	325,633	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	231,735	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	224,568	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	158,715	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	134,692	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	85,728	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	72,921	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	66,722	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	66,223	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	63,700	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	46,000	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	42,256	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	40,356	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	39,510	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	35,879	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	34,556	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	33,154	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	31,774	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	26,731	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	25,690	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	16,175	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)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	14,917	WIRE TRANSFER		N/A	N/A
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	13,671	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)
		NORTH AMERICA	SPONSORED RESEARCH - SUB AWARD	11,934	WIRE TRANSFER		N/A	N/A
		RUSSIA AND NEIGHBORING STATES	SPONSORED RESEARCH - SUB AWARD	78,567	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	34,581	WIRE TRANSFER		N/A	N/A
		RUSSIA AND NEIGHBORING STATES	SPONSORED RESEARCH - SUB AWARD	16,500	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)
		RUSSIA AND NEIGHBORING STATES	SPONSORED RESEARCH - SUB AWARD	12,606	WIRE TRANSFER		N/A	N/A
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	1,251,689	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	416,289	WIRE TRANSFER		N/A	N/A
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	101,257	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)
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	89,600	WIRE TRANSFER		N/A	N/A
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	85,920	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	56,358	WIRE TRANSFER		N/A	N/A
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	45,770	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 AMERICA	SPONSORED RESEARCH - SUB AWARD	45,243	WIRE TRANSFER		N/A	N/A
		SOUTH AMERICA	SPONSORED RESEARCH - SUB AWARD	41,341	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	39,441	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	1,539,531	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	1,011,240	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	840,496	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)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	769,696	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	682,349	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	574,585	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	449,994	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	449,196	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	299,682	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	264,619	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	255,698	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	224,845	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	220,000	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	176,505	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	176,410	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	161,400	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	145,041	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	141,443	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	116,300	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	100,000	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	98,376	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	56,788	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	44,368	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	41,131	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	39,792	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	37,598	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	35,174	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	30,416	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	26,159	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	25,008	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	22,000	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	19,985	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	14,975	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	14,849	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	13,200	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)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	13,182	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	12,400	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)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	10,305	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	9,828	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)
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	8,991	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	8,280	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	7,650	WIRE TRANSFER		N/A	N/A
		SOUTH ASIA	SPONSORED RESEARCH - SUB AWARD	5,483	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	5,375,579	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	3,012,323	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	2,765,792	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	2,316,526	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	2,170,578	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,939,031	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	1,865,755	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,743,219	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	1,503,692	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,438,989	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	1,430,077	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,226,771	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	1,180,839	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	1,003,908	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	970,545	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	750,615	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	746,633	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	698,931	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	666,859	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	639,465	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	594,407	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	526,002	WIRE TRANSFER	609,885	VARIOUS ASSETS	APPRAISED

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	512,267	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	511,209	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	491,756	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	483,972	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	460,589	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	424,850	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	342,734	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	335,550	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	335,276	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	320,336	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	319,191	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	295,456	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	292,056	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	284,391	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	284,017	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	267,154	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	258,113	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	235,921	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	217,947	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	205,505	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	199,388	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	194,059	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	178,164	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	174,282	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	169,540	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	163,612	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	152,338	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	142,676	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	139,194	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	136,694	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	134,587	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	134,257	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	129,983	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	128,706	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)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	121,133	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	115,336	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	111,767	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	100,815	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	100,670	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	91,155	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	87,853	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	82,247	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	80,112	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	76,676	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	60,108	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	58,100	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	58,044	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	55,000	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	52,659	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	50,096	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	49,644	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	46,000	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	45,376	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	41,479	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	39,680	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	38,605	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	37,861	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	36,189	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	35,278	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	33,808	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	32,055	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	31,728	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	30,758	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	27,710	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	25,000	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	24,987	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	21,917	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	19,316	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	19,237	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	19,000	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	15,062	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	13,284	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	13,263	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	12,756	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)
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	10,958	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	9,141	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	7,258	WIRE TRANSFER		N/A	N/A
		SUB-SAHARAN AFRICA	SPONSORED RESEARCH - SUB AWARD	5,848	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	5,226	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	18	16,175	WIRE TRANSFER		N/A	N/A
HONORARIA	EUROPE (INCLUDING ICELAND & GREENLAND)	78	67,973	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	35	22,950	WIRE TRANSFER		N/A	N/A
HONORARIA	SOUTH ASIA	3	5,000	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	3	7,516	WIRE TRANSFER		N/A	N/A
HONORARIA	MIDDLE EAST AND NORTH AFRICA	7	13,100	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	3,004	WIRE TRANSFER		N/A	N/A
HONORARIA	SOUTH AMERICA	10	10,482	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)	68	1,374,505	CREDIT TO STUDENT A/R		N/A	N/A
SCHOLARSHIPS	EAST ASIA AND THE PACIFIC	57	971,754	CREDIT TO STUDENT A/R		N/A	N/A

efile GRAPHIC print - DO NOT PROCESS		As Filed Data -		DLN: 93493135040010			
SCHEDULE G (Form 990 or 990-EZ)		Supplemental Information Regarding Fundraising or Gaming Activities			OMB No 1545-0047		
Department of the Treasury Internal Revenue Service		Complete if the organization answered "Yes" on Form 990, Part IV, lines 17, 18, or 19, or if the organization entered more than \$15,000 on Form 990-EZ, line 6a ▶ Attach to Form 990 or Form 990-EZ. ▶ Go to www.irs.gov/Form990 for instructions and the latest information			2018 Open to Public Inspection		
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 <input checked="" type="checkbox"/> Mail solicitations		e <input checked="" type="checkbox"/> Solicitation of non-government grants					
b <input checked="" type="checkbox"/> Internet and email solicitations		f <input checked="" type="checkbox"/> Solicitation of government grants					
c <input checked="" type="checkbox"/> Phone solicitations		g <input checked="" type="checkbox"/> Special fundraising events					
d <input checked="" type="checkbox"/> 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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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			
RUFFALO NOEL LEVITZ 1025 KIRKWOOD PARKWAY SW CEDAR RAPIDS, IA 524063018		TELEMARKETING SERVICES FOR ANNUAL GIVING PROGRAMS		No	1,803,641	1,045,525	476,871
AMERGENT 9 CENTENIAL DRIVE PEABODY, MA 01960		PREPARING & DISTRIBUTING FUNDRAISER MATERIALS		No	790,674	36,000	419,898
Total ▶					2,594,315	1,081,525	896,769
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							
For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ. Cat No 50083H Schedule G (Form 990 or 990-EZ) 2018							

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)
		PAUL REED GUITAR (event type)	EVENING WITH STARS (event type)	7 (total number)	Total events (add col (a) through col (c))
Revenue	1 Gross receipts	689,000	372,000	878,000	1,939,000
	2 Less Contributions	576,000	369,000	695,000	1,640,000
	3 Gross income (line 1 minus line 2)	113,000	3,000	183,000	299,000
Direct Expenses	4 Cash prizes	0	1,000	1,000	2,000
	5 Noncash prizes	0	0	9,000	9,000
	6 Rent/facility costs	57,000	10,000	47,000	114,000
	7 Food and beverages	67,000	27,000	44,000	138,000
	8 Entertainment	0	0	1,000	1,000
	9 Other direct expenses	20,000	35,000	47,000	102,000
	10 Direct expense summary Add lines 4 through 9 in column (d) ▶				366,000
	11 Net income summary Subtract line 10 from line 3, column (d) ▶				-67,000

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				
	3 Noncash prizes				
	4 Rent/facility costs				
	5 Other direct expenses				
Direct Expenses	6 Volunteer labor	<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	
	7 Direct expense summary Add lines 2 through 5 in column (d) ▶				
	8 Net gaming income summary Subtract line 7 from line 1, column (d) ▶				

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

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

b If "No," explain _____

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

b If "Yes," explain _____

- 11** Does the organization conduct gaming activities with nonmembers? ☐ Yes ☐ No
- 12** Is the organization a grantor, beneficiary or trustee of a trust or a member of a partnership or other entity formed to administer charitable gaming? ☐ Yes ☐ No
- 13** Indicate the percentage of gaming activity conducted in:
- | a | The organization's facility | 13a % |
|----------|-----------------------------|--------------|
| b | An outside facility | 13b % |
- 14** Enter the name and address of the person who prepares the organization's gaming/special events books and records:

Name ►

Address ►

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

Name ►

Address ►

16 Gaming manager information

Name ►

Gaming manager compensation ► \$

Description of services provided ►

☐ Director/officer ☐ Employee ☐ Independent contractor

17 Mandatory distributions

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

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

Return Reference	Explanation
SCHEDULE G, PART I, LINE 2B, COLUMN (V)	RUFFALO NOEL LEVITZ PROVIDES A TELEMARKETING SERVICE TO THE UNIVERSITY 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, 2019, THE UNIVERSITY PAID RUFFALO NOEL LEVITZ \$1,045,525 FOR PROFESSIONAL FUNDRAISING SERVICES, AND \$35,904 FOR OTHER FUNDRAISING EXPENSES, INCLUDING PRINTING, PAPER, POSTAGE. THE AGREEMENT AND ITEMIZED BILLS DISTINGUISH BETWEEN PAYMENTS FOR PROFESSIONAL FUNDRAISING SERVICES AND EXPENSES FOR REIMBURSEMENTS. SOME OF THE CONTRIBUTIONS AND RELATED COSTS REPORTED FOR RUFFALO NOEL LEVITZ ARE SHARED WITH JOHNS HOPKINS HEALTH SYSTEM AFFILIATES (JHHS AFFILIATES). THE UNIVERSITY REPORTS ACTIVITY WITH THIS FUNDRAISER GROSS OF ANY SHARING WITH JHHS AFFILIATES. AMERGENT PRODUCES AND DISTRIBUTES FUNDRAISING MATERIALS FOR THE UNIVERSITY. THERE IS A STATED CONTRACT THAT INCLUDES BOTH FEES AND SET RATES FOR DIFFERENT SERVICES. THESE FEES AND OTHER FUNDRAISING EXPENSES ARE BILLED SEPARATELY DURING THE MONTH INCURRED. FOR FISCAL YEAR ENDED JUNE 30, 2019, THE UNIVERSITY PAID AMERGENT \$36,000 FOR PROFESSIONAL FUNDRAISING SERVICES, AND \$334,776 FOR OTHER FUNDRAISING EXPENSES, INCLUDING PRINTING, PAPER, POSTAGE, AND MAILING LISTS. THE AGREEMENT AND ITEMIZED BILLS DISTINGUISH BETWEEN PAYMENT FOR PROFESSIONAL FUNDRAISING SERVICES AND EXPENSES FOR REIMBURSEMENTS.

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

Schedule I
(Form 990)

Grants and Other Assistance to Organizations,
Governments and Individuals in the United States
Complete if the organization answered "Yes," on Form 990, Part IV, line 21 or 22.
▶ Attach to Form 990.
▶ Go to www.irs.gov/Form990 for the latest information.

OMB No 1545-0047

2018

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 421

3 Enter total number of other organizations listed in the line 1 table 342

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	2369	31,565,000		N/A	N/A
(2) HONORARIA	2746	2,863,000		N/A	N/A
(3) ACADEMIC AWARDS	1718	4,471,000		N/A	N/A
(4) SCHOLARSHIPS	13530	361,369,000		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		900,119		N/A	N/A	SUB-AWARD
21ST CENTURY SYSTEMS AND SOFTWARE SOLUTIONS LLC 3791 RAISNER COURT WHITE PLAINS, MD 206953427	47-1334357		238,420		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		24,221		N/A	N/A	SUB-AWARD
ABOR FOR AND ON BEHALF OF NORTHERN ARIZONA UNIVERSITY PO BOX 4130 FLAGSTAFF, AZ 860114130	74-2579628		61,232		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
ABT ASSOCIATES INC 55 WHEELER ST CAMBRIDGE, MA 02138	04-2347643		5,349		N/A	N/A	SUB-AWARD
ACADEMYHEALTH 1150 17TH ST NW STE 600 WASHINGTON, DC 20036	52-1260918	501(C)(3)	22,125		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
ACOUSTIC MEDSYSTEMS INC 206 N RANDOLPH ST STE 301 CHAMPAIGN, IL 618203979	37-1365835		140,153		N/A	N/A	SUB-AWARD
ADCOLE MARYLAND AEROSPACE LLC 2145 PRIEST BRIDGE DRIVE CROFTON, MD 211142477	82-0977698		847,480		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 AVENUE JURUPA VALLEY, CA 92509	33-0057314		51,062		N/A	N/A	SUB-AWARD
ADVANCED COOLING TECHNOLOGIES INC 1046 NEW HOLLAND AVENUE LANCASTER, PA 17601	57-1146896		86,550		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
ADVANCED NEUROLOGY SPECIALISTS 400 15TH AVE S STE 206 GREAT FALLS, MT 594054375	20-1821484		20,876		N/A	N/A	SUB-AWARD
ADVANCED THERMAL BATTERIES INC 107 BEAVER COURT COCKEYSVILLE, MD 210302152	20-4535859		71,788		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
AECOM MANAGEMENT SERVICES INC 20501 SENECA MEADOWS PARKWAY GERMANTOWN, MD 208767019	27-1628265		7,612		N/A	N/A	SUB-AWARD
AEI SYSTEMS LLC 539 VIA RIPAGRANDE AVE HENDERSON, NV 89011	90-0854209		128,146		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
AEOLIS RESEARCH 600 N ROSEMEAD BLVD PASADENA, CA 911072153	47-5283823		56,334		N/A	N/A	SUB-AWARD
AERIS LLC 1314 MAIN STREET LOUISVILLE, CO 800271121	47-3367821		74,250		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
AEROJET ROCKETDYNE INC PO BOX 201452 DALLAS, TX 753201452	95-1751500		9,824,186		N/A	N/A	SUB-AWARD
AEROSPACE CORPORATION PO BOX 881870/GSAW LOS ANGELES, CA 90009	95-2102389	501(C)(3)	108,040		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
AFRLRWF 101 WEST EGLIN BLVD SUITE 232 EGLIN AFB, FL 32542	56-0643796		50,000		N/A	N/A	SUB-AWARD
AKIN INC 1782 21ST AVENUE SAN FRANCISCO, CA 94122	38-4005385		143,864		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)	272,089		N/A	N/A	SUB-AWARD
ALION SCIENCE & TECHNOLOGY CORPORATION 1000 BURR RIDGE PKWY BURR RIDGE, IL 60527	54-2061691		497,771		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		253,819		N/A	N/A	SUB-AWARD
ALLEGHENY SINGER RESEARCH INSTITUTE PO BOX 951765 CLEVELAND, OH 44193	25-1320493	501(C)(3)	89,208		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
ALLIANCE FOR SUSTAINABLE ENERGY LLC ATTN FINANCE - MS RSF041 GOLDEN, CO 80401	26-1939342	501(C)(3)	15,000		N/A	N/A	SUB-AWARD
ALLIANCE SPACESYSTEMS LLC 4398 CORPORATE CENTER DRIVE LOS ALAMITOS, CA 90720	80-0872734		1,155,000		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
ALTARUM INSTITUTE 3520 GREEN CT STE 300 ANN ARBOR, MI 481051566	38-1983442	501(C)(3)	25,000		N/A	N/A	SUB-AWARD
AMERICAN ACADEMY OF ORTHOPEDIC 9400 W HIGGINS RD ROSEMONT, IL 60018	36-2110592	501(C)(3)	301,149		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 250 WILLIAMS ST NW STE 400 ATLANTA, GA 303031002	13-1788491	501(C)(3)	65,000		N/A	N/A	SUB-AWARD
AMERICAN COLLEGE OF SURGEONS 633 N ST CLAIRE ST CHICAGO, IL 60611	36-2192800	501(C)(3)	1,106,771		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 INSTITUTES FOR RESEARCH 1000 THOMAS JEFFERSON ST NW WASHINGTON, DC 20007	25-0965219	501(C)(3)	107,355		N/A	N/A	SUB-AWARD
AMERICAN UNIVERSITY 4400 MASSACHUSETTS AVENUE NW WASHINGTON, DC 20016	53-0196549	501(C)(3)	127,517		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
AMJR CONSULTING DBA OPENEDSIM 1012 WILMINGTON WAY REDWOOD CITY, CA 94062	47-1324531		18,500		N/A	N/A	SUB-AWARD
ANDURIL INDUSTRIES INC 1340 REYNOLDS AVENUE IRVINE, CA 92614	82-1277526		25,000		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
ANN AND ROBERT H LURIE CHILDRENS OFFICE OF SPONSORED PROJECTS CHICAGO, IL 606112605	36-2170833	501(C)(3)	276,810		N/A	N/A	SUB-AWARD
ANNE ARUNDEL HEALTH SYSTEM INST INC PO BOX 37181 BALTIMORE, MD 212973181	52-1646304		55,256		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
ANTHEM ENGINEERING LLC 8756 BLAZING BROOK WAY ELKRIDGE, MD 21075	46-2821408		2,622,376		N/A	N/A	SUB-AWARD
AOAC INTERNATIONAL 2275 RESEARCH BLVD 300 ROCKVILLE, MD 20860	53-0029357		179,529		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 AEROSPACE STRUCTURES CORP PO BOX 6189 STOCKTON, CA 95206	36-4004211		1,160,371		N/A	N/A	SUB-AWARD
APPLIED COHERENT TECHNOLOGY CORPORATION 112 ELDEN STREET HERNDON, VA 20170	54-1534159		562,124		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 PHYSICAL ELECTRONICS LC 19510 HIGHWAY 71 W SPICEWOOD, TX 78669	75-2756093		160,000		N/A	N/A	SUB-AWARD
APPLIED PHYSICAL SCIENCES CORP 475 BRIDGE STREET GROTON, CT 06340	01-0655626		245,528		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
AR CHILDRENS HOSPITAL RESEARCH INST 1 CHILDRENS WAY FINANCIAL SERVICES LITTLE ROCK, AR 722023591	71-0694931	501(C)(3)	56,105		N/A	N/A	SUB-AWARD
ARIZONA ALLIANCE OF COMMUNITY HLTH 700 E JEFFERSON ST STE 100 PHOENIX, AZ 85034	86-0494702	501(C)(3)	138,370		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	484,420		N/A	N/A	SUB-AWARD
ARMTEC COUNTERMEASURES COMPANY 85901 AVENUE 53 COACHELLA, CA 92236	48-1266479		439,413		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
ASSOC OF UNIV FOR RESEARCH IN ASTRONOMY INC 950 N CHERRY AVENUE TUCSON, AZ 857194933	86-0138043	501(C)(3)	46,513		N/A	N/A	SUB-AWARD
ASTOR SVCS FOR CHILDREN FAMILIES 6339 MILL ST RHINEBECK, NY 125721427	14-1397918	501(C)(3)	27,000		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
ATA AEROSPACE LLC 7474 GREENWAY CENTER DRIVE GREENBELT, MD 20770	20-5672118		115,866		N/A	N/A	SUB-AWARD
ATK SPACE SYSTEMS INC 6033 E BANDINI BLVD COMMERCE, CA 900402904	33-0517898		764,271		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
ATLANTIC COUNCIL 1030 15TH STREET NW WASHINGTON, DC 20005	52-0742294		40,000		N/A	N/A	SUB-AWARD
ATLANTIC GENERAL HOSPITAL 10320 OLD OCEAN CITY BLVD BERLIN, MD 21811	52-1656507	501(C)(3)	12,500		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
AUBURN UNIVERSITY 115 QUAD COURT AUBURN, AL 36849	63-6000724	115	12,012		N/A	N/A	SUB-AWARD
AUGUSTA UNIV RESEARCH INSTITUTE INC PO BOX 945552 ATLANTA, GA 30394	58-1418202	501(C)(3)	9,164		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
AVENIR HEALTH INC 41A NEW LONDON TURNPIKE GLASTONBURY, CT 06033	20-4816286	501(C)(3)	222,540		N/A	N/A	SUB-AWARD
BABSON COLLEGE 231 FOREST ST BABSON PARK, MA 02457	04-2103544	501(C)(3)	35,618		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
BAE SYSTEMS IESI 65 SPIT BROOK RD NASHUA, NH 030610868	52-2268742		248,825		N/A	N/A	SUB-AWARD
BALL AEROSPACE & TECHNOLOGIES CORP 1600 COMMERCE ST BOULDER, CO 80301	84-1315001		262,782		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	199,952		N/A	N/A	SUB-AWARD
BALTIMORE MUSEUM OF INDUSTRY INC 1415 KEY HWY BALTIMORE, MD 212305115	52-1205675	501(C)(3)	6,250		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
BARBARA ANN KARMANOS CANCER CENTER 4100 JOHN R DETROIT, MI 48201	38-1613280	501(C)(3)	62,357		N/A	N/A	SUB-AWARD
BARK TECHNOLOGIES INC 3423 PIEDMONT RD NE STE 540 ATLANTA, GA 303051751	47-4506663		10,000		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
BARNABAS HEALTH MEDICAL GROUP 95 OLD SHORT HILLS RD WEST ORANGE, NJ 07052	22-3316007	501(C)(3)	10,969		N/A	N/A	SUB-AWARD
BAYLOR COLLEGE OF MEDICINE ONE BAYLOR PLAZA BCM505 HOUSTON, TX 77030	74-1613878	501(C)(3)	2,371,457		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
BAYLOR HEALTH CARE SYSTEM 3310 LIVE OAK DALLAS, TX 75204	75-1812652	501(C)(3)	14,909		N/A	N/A	SUB-AWARD
BAYLOR UNIVERSITY ONE BEAR PL 97043 WACO, TX 767061003	74-1159753	501(C)(3)	63,572		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
BAYSTATE MEDICAL CENTER INC 759 CHESNUT ST SPRINGFIELD, MA 01199	04-2790311	501(C)(3)	9,020		N/A	N/A	SUB-AWARD
BECKMAN RESEARCH INSTITUTE OF CITY OF HOPE 1500 DUARTE RD DUARTE, CA 910103000	95-3432210	501(C)(3)	47,445		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
BEHAVIORAL IDEAS LAB INC 80 BROAD ST NEW YORK, NY 100042209	27-1678009	501(C)(3)	1,781,465		N/A	N/A	SUB-AWARD
BERKS COMMUNITY HEALTH CENTER 838 PENN ST READING, PA 196021108	27-3795179	501(C)(3)	92,477		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
BILLINGS CLINIC 801 N 29TH ST BILLINGS, MT 591010905	81-0231784	501(C)(3)	7,150		N/A	N/A	SUB-AWARD
BIOMEDICAL RESEARCH FOUNDATION 4300 W 7TH ST RM 7A-128 LITTLE ROCK, AR 722055446	71-0675830	501(C)(3)	43,375		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
BIOMEDICAL RESEARCH INSTITUTE 12111 PARKLAWN DR ROCKVILLE, MD 20852	36-2229561	501(C)(3)	761,994		N/A	N/A	SUB-AWARD
BLACK CLOUD INC 318 KENT DRIVE COCOA BEACH, FL 32931	23-2938240		638,250		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
BLOOD CENTER OF WISCONSIN INC PO BOX 2178 MILWAUKEE, WI 53201	39-0807235	501(C)(3)	115,362		N/A	N/A	SUB-AWARD
BLUE CANYON TECHNOLOGIES INC 2425 55TH STREET BOULDER, CO 803015702	26-2692494		53,223		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
BLUE HERON STEM EDUCATION INC 198 MAIN STREET PLYMPTON, MA 023671115	37-1571640		31,900		N/A	N/A	SUB-AWARD
BON SECOURS ST FRANCIS MED CTR 13710 ST FRANCIS BLVD MIDLOTHIAN, VA 231143267	31-1716973	501(C)(3)	13,020		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
BOSTON UNIVERSITY 25 BUICK ST BOSTON, MA 02215	04-2103547	501(C)(3)	1,940,929		N/A	N/A	SUB-AWARD
BOYCE THOMPSON INSTITUTE 533 TOWER ROAD ITHACA, NY 148531801	13-1739923	501(C)(3)	206,920		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
BRIGHAM AND WOMENS HOSPITAL INC 75 FRANCIS ST BOSTON, MA 02115	04-2312909	501(C)(3)	1,139,197		N/A	N/A	SUB-AWARD
BRIGHAM YOUNG UNIV A-278 ASB - PO BOX 21128 PROVO, UT 846021128	87-0217280	501(C)(3)	65,668		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
BROAD INSTITUTE INC 415 MAIN STREET CAMBRIDGE, MA 02142	26-3428781	501(C)(3)	147,269		N/A	N/A	SUB-AWARD
BROOKHAVEN NATIONAL LABORATORY 40 BROOKHAVEN AVENUE UPTON, NY 119735000	11-3403915		22,136		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
BROOKINGS INSTITUTION 1775 MASSACHUSETTS AVE NW WASHINGTON, DC 200362188	53-0196577	501(C)(3)	13,827		N/A	N/A	SUB-AWARD
BROWN UNIVERSITY OFC RES ADMIN BOX 1929 PROVIDENCE, RI 02912	05-0258809	501(C)(3)	678,788		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
BT CONSULTING LLC 105-A LEW DEWITT BLVD WAYNESBORO, VA 22980	61-1906189		63,440		N/A	N/A	SUB-AWARD
BUCK INST 8001 REDWOOD BLVD NOVATO, CA 94947	94-3030609	501(C)(3)	37,401		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
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E CALIFORNIA BLVD PASADENA, CA 91125	95-1643307	501(C)(3)	1,308,943		N/A	N/A	SUB-AWARD
CALLEO GROUP LLC 14712 CARRIAGE MILL ROAD WOODBINE, MD 217978338	27-2171403		167,314		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
CAMBER COLLECTIVE LLC 408 N 35TH ST STE A SEATTLE, WA 98103	27-1314359		669,805		N/A	N/A	SUB-AWARD
CANA ADVISORS 7371 ATLAS WALK WAY GAINESVILLE, VA 20155	26-3563494		71,123		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
CANCER RESEARCH AND BIOSTATISTICS 1730 MINOR AVENUE STE 1900 SEATTLE, WA 98101	91-1828539	501(C)(3)	92,598		N/A	N/A	SUB-AWARD
CARAHSOFT TECHNOLOGY CORP 12369 SUNRISE VALLEY DRIVE RESTON, VA 20191	52-2189693		1,278,441		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
CARBON-CARBON ADVANCED TECHNOLOGIES INC 4704 EDEN ROAD KENNEDEALE, TX 76140	75-2181484		68,924		N/A	N/A	SUB-AWARD
CARNEGIE MELLON UNIVERSITY 5000 FORBES AVE PITTSBURGH, PA 15213	25-0969449	501(C)(3)	505,473		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
CAROLINAS MEDICAL CENTER 1010 EDGEHILL RD N CHARLOTTE, NC 28207	56-0554229	115	379,704		N/A	N/A	SUB-AWARD
CASE WESTERN RESERVE UNIVERSITY 2500 METROHEALTH DR CLEVELAND, OH 44109	34-6004382	501(C)(3)	751,598		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
CATALYST BEHAVIORAL SCIENCES LLC 2985 JACKSON AVE MIAMI, FL 33133	46-4279527		128,671		N/A	N/A	SUB-AWARD
CATHOLIC UNIVERSITY OF AMERICA OFFICE OF ENROLLMENT SERVICES WASHINGTON, DC 20064	53-0196583	501(C)(3)	34,965		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
CAUSASCI LLC PO BOX 627 ELLCOTT CITY, MD 210410627	20-3263417		326,019		N/A	N/A	SUB-AWARD
CDA INTERCORP 450 GOOLSBY BLVD DEERFIELD BEACH, FL 33442	59-1285683		75,000		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
CDC FOUNDATION 55 PARK PL ATLANTA, GA 30303	58-2106707	501(C)(3)	610,440		N/A	N/A	SUB-AWARD
CEDARS SINAI MEDICAL CENTER 8700 BEVERLY BLVD LOS ANGELES, CA 90048	95-1644600	501(C)(3)	265,422		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
CENSEO INSIGHT INC 1700 7TH AVENUE SEATTLE, WA 98101	45-4195800		184,071		N/A	N/A	SUB-AWARD
CENTER FOR OPEN SCIENCE INC 210 RIDGE MCINTIRE ROAD CHARLOTTESVILLE, VA 229035083	46-1496217		185,069		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
CENTRAL QUEENS YM & YWHA INC 67-09 108TH ST FOREST HILLS, NY 11375	11-1633509	501(C)(3)	49,949		N/A	N/A	SUB-AWARD
CENTRAL TEXAS NEUROLOGY CONSULTANTS 16040 PARK VALLEY DR B-100 ROUND ROCK, TX 786813578	74-2710396		7,150		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
CHARLES STARK DRAPER LABORATORY INC 555 TECHNOLOGY SQUARE CAMBRIDGE, MA 021393563	04-2505372	501(C)(3)	307,372		N/A	N/A	SUB-AWARD
CHEROKEE NATION PO BOX 1669 TAHLEQUAH, OK 744651669	73-0757033	7871	15,000		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
CHESAPEAKE UROLOGY 6535 N CHARLES ST BALTIMORE, MD 212045826	52-2146172		8,475		N/A	N/A	SUB-AWARD
CHILD MIND INSTITUTE INC 101 E 56TH ST NEW YORK, NY 10022	80-0478843	501(C)(3)	14,556		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
CHILD TRENDS INC 7315 WISCONSIN AVE STE 1200W BETHESDA, MD 208143666	13-2982969	501(C)(3)	197,686		N/A	N/A	SUB-AWARD
CHILDRENS DIAGNOSTIC TREATMENT CTR 1401 S FEDERAL HWY FORT LAUDERDALE, FL 333162619	65-1026739	501(C)(3)	9,521		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
CHILDRENS HOSPITAL CORPORATION 300 LONGWOOD AVE BOSTON, MA 021155724	04-2774441	501(C)(3)	75,237		N/A	N/A	SUB-AWARD
CHILDREN'S HOSPITAL MEDICAL CENTER 3333 BURNET AVE CINCINNATI, OH 452293026	31-0833936	501(C)(3)	437,871		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
CHILDRENS HOSPITAL OF PHILADELPHIA 3615 CIVIC CTR BLVD PHILADELPHIA, PA 19104	23-1352166	501(C)(3)	1,304,682		N/A	N/A	SUB-AWARD
CHILDRENS MERCY HOSPITAL 2401 GILLHAM RD KANSAS CITY, MO 641084619	44-0605373	501(C)(3)	10,906		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
CHILDRENS NATL MEDICAL CENTER 111 MICHIGAN AVE NW WASHINGTON, DC 200102916	52-1640403	501(C)(3)	395,197		N/A	N/A	SUB-AWARD
CHILDRENS RESEARCH INST 111 MICHIGAN AVE NW WASHINGTON, DC 20010	52-1654453	501(C)(3)	368,163		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
CHOPTANK COMMUNITY HEALTH SYSTEM INC 301 RANDOLPH ST DENTON, MD 216291243	52-1116591	501(C)(3)	171,242		N/A	N/A	SUB-AWARD
CHRISTIANA CARE HEALTH SERVICES PO BOX 2653 WILMINGTON, DE 198050653	51-0103684	501(C)(3)	22,835		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
CITY OF PHILADELPHIA TRUSTEE 840 WALNUT ST PHILADELPHIA, PA 191075109	23-6000204	501(C)(3)	139,734		N/A	N/A	SUB-AWARD
CLEMSON UNIVERSITY 230 KAPPA STREET CLEMSON, SC 296345355	57-6000254	115	145,500		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
CLEVELAND CLINIC PO BOX 931820 CLEVELAND, OH 441931920	34-0714585	501(C)(3)	191,719		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)	85,735		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
CLINICAL BIOTECHNOLOGY RESEARCH INSTITUTE AT RSFH 316 CALHOUN ST CHARLESTON, SC 29401	47-5407453	501(C)(3)	64,900		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)	27,797		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
COLORADO STATE UNIV 1019 CAMPUS DELIVERY FORT COLLINS, CO 80523	84-6000545	115	43,304		N/A	N/A	SUB-AWARD
COMMAND CANINE LLC 6072 POLLEY AVENUE NAPLES, FL 34112	47-2920930		117,582		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
COMMUNITIES IN SCHOOLS OF SEATTLE 2445 THIRD AVE S SEATTLE, WA 98134	91-1910330	501(C)(3)	273,423		N/A	N/A	SUB-AWARD
COMMUNITIES IN SCHOOLS PHILADELPHIA 2000 HAMILTON ST STE 201 PHILADELPHIA, PA 19130	23-2410538	501(C)(3)	15,871		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
COMMUNITY HEALTH PROJECT INC 39 W 19TH ST RM 602 NEW YORK, NY 100114294	13-3409680	501(C)(3)	260,053		N/A	N/A	SUB-AWARD
COMMUNITY PARTNERS INTERNATIONAL 2560 NINTH ST STE 315 B BERKELEY, CA 947102567	94-3375666	501(C)(3)	67,334		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
CONSTELLATION AVIATION SOLUTIONS LLC 111 NORTH ORANGE AVENUE ORLANDO, FL 32801	57-1221374		98,486		N/A	N/A	SUB-AWARD
CORE SOURCE TECHNOLOGIES LLC 20410 CENTURY BLVD GERMANTOWN, MD 20874	30-0030643		105,280		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
CORNELL UNIVERSITY 341 PINE TREE RD ITHACA, NY 148500022	15-0532082	501(C)(3)	818,817		N/A	N/A	SUB-AWARD
CORNERTURN LLC 2320 POMONA ROAD CORONA, CA 92880	84-1635707		736,022		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
CUBRC INC 4455 GENESEE STREET BUFFALO, NY 14225	22-2505934		26,635		N/A	N/A	SUB-AWARD
CUSTOM ANALYTICAL ENGINEERING SYS INC 13000 TENSOR LANE NE FLINTSTONE, MD 21530	52-1483418		362,143		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
DANA FARBER CANCER INSTITUTE 450 BROOKLINE AVE BOSTON, MA 02215	04-2263040	501(C)(3)	582,778		N/A	N/A	SUB-AWARD
DANIEL H WAGNER ASSOCIATES INC 559 WEST UWCHLAN AVE STE 140 EXTON, PA 19341	23-1677707		50,911		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
DARTMOUTH COLLEGE 11 ROPE FERRY RD HANOVER, NH 037551404	02-0222111	501(C)(3)	104,003		N/A	N/A	SUB-AWARD
DDL OMNI ENGINEERING LLC 8260 GREENSBORO DRIVE MCLEAN, VA 22102	54-1825099		5,016		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
DELOITTE FINANCIAL ADVISORY SERVICES LLP 1750 TYSONS BOULEVARD MCLEAN, VA 22102	03-0520745		1,108,638		N/A	N/A	SUB-AWARD
DENVER HEALTH AND HOSPITALS AUTHORITY 777 BANNOCK ST DENVER, CO 80204	84-1343242	115	15,020		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
DEPLOYABLE SPACE SYSTEMS INC 460 WARD DRIVE SANTA BARBARA, CA 93111	27-1889503		4,923,728		N/A	N/A	SUB-AWARD
DES MOINES UNIV 3200 GRAND AVE RYAN HALL 209 DES MOINES, IA 503124104	42-0730347	501(C)(3)	8,687		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
DIGITAL RECEIVER TECHNOLOGY INC 12409 MILESTONE CENTER DRIVE GERMANTOWN, MD 208767114	52-1196343		604,814		N/A	N/A	SUB-AWARD
DIGITAL SYSTEMS CONSULTING LLC 2224 MONTROSE STREET PHILADELPHIA, PA 19146	82-0904894		8,511		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
DIGNITY HEALTH MEDICAL FOUNDATION 3400 DATA DR RANCHO CORDOVA, CA 956707956	68-0220314	501(C)(3)	7,150		N/A	N/A	SUB-AWARD
DIVERSIFIED TECHNOLOGIES INC 3011 FOREVER DR FINKSBURG, MD 21048	04-2992321		773,081		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
DNA SOFTWARE INC 334 E WASHINGTON STREET ANN ARBOR, MI 48104	38-3592679		98,566		N/A	N/A	SUB-AWARD
DOMAIN X TECHNOLOGIES 4229 LAFAYETTE CENTER DRIVE CHANTILLY, VA 201511270	35-2363493		1,100,296		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
DREXEL UNIVERSITY 3141 CHESNUT ST PHILADELPHIA, PA 19104	23-1352630	501(C)(3)	72,451		N/A	N/A	SUB-AWARD
DUKE UNIVERSITY 2200 W MAIN ST STE 300 DURHAM, NC 27705	56-0532129	501(C)(3)	2,275,039		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
EAC ARCHAEOLOGY INC 4303 N CHARLES ST BALTIMORE, MD 212181054	20-4042163		23,993		N/A	N/A	SUB-AWARD
EAST TENNESSEE STATE UNIV PO BOX 70565 JOHNSON CITY, TN 37614	62-6021046	115	230,889		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
EASTERN VIRGINIA MEDICAL SCHOOL 358 MOWBRAY ARCH NORFOLK, VA 23501	54-6055378	115	35,373		N/A	N/A	SUB-AWARD
ECHO RIDGE LLC 100 CARPENTER DRIVE STERLING, VA 20164	20-5608382		44,942		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
EDUCATION NORTHWEST 101 SW MAIN ST STE 500 PORTLAND, OR 97204	93-0553346	501(C)(3)	120,819		N/A	N/A	SUB-AWARD
EMCUBE INC 1900 N BEAUREGARD STREET ALEXANDRIA, VA 22311	54-1685244		310,821		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
EMMES CORP 401N WASHINGTON ST STE 700 ROCKVILLE, MD 20850	54-1058268		591,829		N/A	N/A	SUB-AWARD
EMORY UNIVERSITY 101 WOODRUFF CIR STE 6107 ATLANTA, GA 30322	58-0566256	501(C)(3)	1,133,701		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
ENGILITY CORPORATION 400 VIRGINIA AVE SW WASHINGTON, DC 20036	04-2393618		75,864		N/A	N/A	SUB-AWARD
ENSCO INC 5400 PORT ROYAL ROAD SPRINGFIELD, VA 221512301	54-1250229		317,921		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
ERAPSCO 5612 JOHNSON LAKE ROAD DE LEON SPRING, FL 32130	35-1752474		579,127		N/A	N/A	SUB-AWARD
ERIDAN COMMUNICATIONS INC 2450 SCOTT BOULEVARD SANTA CLARA, CA 95050	46-3888021		110,000		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
ERIKSON INSTITUTE 3755 PAYSPHERE CIR CHICAGO, IL 60674	36-2593545	501(C)(3)	124,851		N/A	N/A	SUB-AWARD
FAMILY HEALTH INTERNATIONAL 359 BLACKWELL ST STE 200 DURHAM, NC 27701	23-7413005	501(C)(3)	4,703,615		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
FAMILY VOICES 3701 SAN MATEO BLVD NE STE 103 ALBUQUERQUE, NM 87110	65-0430800	501(C)(3)	52,270		N/A	N/A	SUB-AWARD
FAR EAST INDUSTRIES INC 8930 OLD ANNAPOLIS RD STE C COLUMBIA, MD 21045	52-1847659		22,183		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
FASTABEND SOLUTIONS LLC 1 TAY RIVER WILLIAMSBURG, VA 231887416	47-4390053		27,326		N/A	N/A	SUB-AWARD
FATHOM5 CORPORATION 701 BRAZOS STREET AUSTIN, TX 78701			93,344		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
FEINSTEIN INST FOR MEDICAL RESEARCH 350 COMMUNITY DR MANHASSET, NY 11030	11-3418133	501(C)(3)	15,526		N/A	N/A	SUB-AWARD
FENWAY COMMUNITY HEALTH CENTER INC 1340 BOYLSTON STREET BOSTON, MA 02215	04-2510564	501(C)(3)	246,801		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
FLORIDA STATE UNIVERSITY 97 S WOODWARD AVE TALLAHASSEE, FL 32306	59-3211153	501(C)(3)	18,559		N/A	N/A	SUB-AWARD
FMS SECURE SOLUTIONS LLC 839 ELKRIDGE LANDING ROAD LINTHICUM, MD 210902921	52-2243726		24,590		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
FORSECIT SERVICES LLC 10335 MILLPORT DRIVE TAMPA, FL 33626	81-2352169		239,265		N/A	N/A	SUB-AWARD
FOSTER-MILLER INC DBA QINETIQ NORTH AMERICA (QNA) 350 SECOND AVENUE WALTHAM, MA 02451	04-2212281		1,405,071		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
FRED HUTCHINSON CANCER RESEARCH CTR 1100 FAIRVIEW AVE N PO BOX 19024 SEATTLE, WA 981091024	23-7156071	501(C)(3)	359,365		N/A	N/A	SUB-AWARD
FRIENDS RESEARCH INST 505 BALTIMORE AVE BALTIMORE, MD 21204	52-0701445	501(C)(3)	261,616		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
FRONTIER SCIENCE AND TECH 4033 MAPLE RD AMHERST, NY 14226	16-1056814	501(C)(3)	1,611,833		N/A	N/A	SUB-AWARD
FUNDAMENTAL TECHNOLOGIES LLC 2411 PONDEROSA DRIVE LAWRENCE, KS 660465057	74-2846959		151,974		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
FUTURES WITHOUT VIOLENCE 100 MONTGOMERY ST SAN FRANCISCO, CA 94129	94-3110973	501(C)(3)	287,354		N/A	N/A	SUB-AWARD
GALES MEDIA LLC 724 N PATTERSON PARK AVE BALTIMORE, MD 212052427	83-4079190		15,000		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
GARNETT CORPORATION PO BOXD 282 SAVAGE, MD 20763	26-1118222		333,807		N/A	N/A	SUB-AWARD
GE RESEARCH AND DEV CTR ONE RESEARCH CIR NISKAYUNA, NY 12309	14-0689340		434,602		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
GEISINGER CLINIC 100 N ACADEMY AVE DANVILLE, PA 178223069	23-6291113	501(C)(3)	1,493,913		N/A	N/A	SUB-AWARD
GENERAL DYNAMICS GLOBAL IMAGING TECHNOLOGIES INC 7603 ST ANDREWS AVENUE SAN DIEGO, CA 92154	11-1962029		210,720		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
GENERAL DYNAMICS MISSION SYSTEMS INC 14700 LEE ROAD CHANTILLY, VA 20151	45-0484950		331,086		N/A	N/A	SUB-AWARD
GENESIS ENGINEERING SOLUTIONS INC 9811 GREENBELT RD LANHAM, MD 207066241	04-3651329		238,320		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
GEOFF HAINES-STILES PRODUCTIONS INC DBA PASSPORT TO KNOWLEDGE 27 WASHINGTON VALLEY RD MORRISTOWN, NJ 07960	22-3332385		45,000		N/A	N/A	SUB-AWARD
GEORGE MASON UNIVERSITY 4400 UNIV DR MS2E1 FAIRFAX, VA 22030	54-0836354	115	339,946		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
GEORGE WASHINGTON UNIVERSITY 45155 RESEARCH PL STE 260 ASHBURN, VA 20147	53-0196584	501(C)(3)	388,999		N/A	N/A	SUB-AWARD
GEORGETOWN UNIV 2233 WISCONSIN AVE NW WASHINGTON, DC 20007	53-0196603	501(C)(3)	422,757		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
GEORGIA TECH APPLIED RESEARCH CORPORATION 925 DALNEY ST STE 102 ATLANTA, GA 303320420	58-2374837	501(C)(3)	5,334		N/A	N/A	SUB-AWARD
GEORGIA TECH RESEARCH CORP 505 TENTH ST ATLANTA, GA 303320420	58-0603146	501(C)(3)	120,151		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
GEOSYNTEC CONSULTANTS INC 900 BROKEN SOUND PKWY NW STE 200 BOCA RATON, FL 33487	59-2355134		5,598		N/A	N/A	SUB-AWARD
GLENWOOD LIFE CENTER 516 GLENWOOD AVE BALTIMORE, MD 21212	23-7121331	501(C)(3)	27,861		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
GLOBAL DEVELOPMENT INCUBATOR INC 99 MADISON AVE STE 17 NEW YORK, NY 10016	14-1945286	501(C)(3)	79,678		N/A	N/A	SUB-AWARD
GLOBAL HEALTH STRATEGIES 38 E 32ND ST FLR 12 NEW YORK, NY 100165559	22-3885564		1,925,659		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
GLSEN INC 110 WILLIAM ST FL 30 NEW YORK, NY 100383901	04-3234202	501(C)(3)	10,875		N/A	N/A	SUB-AWARD
GORDON WOLF & CARNEY CHTD 100 W PENNSYLVANIA AVE SUITE 100 TOWSON, MD 21204	52-2217685		23,400		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
GOUCHER COLLEGE 1021 DULANEY VALLEY RD BALTIMORE, MD 212042753	52-0591613	501(C)(3)	12,911		N/A	N/A	SUB-AWARD
GRAF RESEARCH CORPORATION 2280 KRAFT DRIVE BLACKSBURG, VA 24060	47-4128747		451,344		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
GRAPHIKA INC 311 W 43RD ST NEW YORK, NY 10036	46-4386048		107,823		N/A	N/A	SUB-AWARD
GRAY ROCK PROFESSIONAL ALLIANCE LLC 3612 GRAY ROCK DRIVE ELLICOTT CITY, MD 210423704	49-1290987		887,618		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)	43,194		N/A	N/A	SUB-AWARD
GREENFLY SERVITORS & ULTRANAUTICS LLC 2041 PIMMIT DRIVE FALLS CHURCH, VA 22043	81-1597920		270,813		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
GSE SOFTWARE INC 7058 MIDDLESBURY RIDGE CIRCLE WEST HILLS, CA 91307	95-4711574		35,010		N/A	N/A	SUB-AWARD
GUROO LLC 6036 LINCOLNIA ROAD ALEXANDRIA, VA 22312	27-3679643		373,360		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
H LEE MOFFITT CANCER CENTER AND 12902 MAGNOLIA DR TAMPA, FL 33612	59-3238634	501(C)(3)	43,505		N/A	N/A	SUB-AWARD
HACKENSACK UNIVERSITY MEDICAL CENTE 30 PROSPECT AVE HACKENSACK, NJ 076011915	22-1487576		9,100		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
HAIGH-FARR INC 43 HARVEY ROAD BEDFORD, NH 03110	02-0446081		96,703		N/A	N/A	SUB-AWARD
HAMILTON SUNDSTRAND SPACE SYS INT (UTAS) PO BOX 360951 PITTSBURGH, PA 15251	06-1388006		1,218,790		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
HARRIS CORPORATION 2400 PALM BAY ROAD PALM BAY, FL 32905	34-0276860		5,943,620		N/A	N/A	SUB-AWARD
HARVARD UNIVERSITY 665 HUNTINGTON AVE BOSTON, MA 02115	04-2103580	501(C)(3)	663,670		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
HDT EXPEDITIONARY SYSTEMS INC 10300 SPOTSYLVANIA AVE FREDERICKSBURG, VA 22408	54-1251757		133,645		N/A	N/A	SUB-AWARD
HEALTH SERVICES ENGINEERING 10362 WATERIDGE CIRCLE SAN DIEGO, CA 921215714	81-2978183		24,933		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
HEKTOEN INSTITUTE 2240 W OGDEN AVE 2ND FL CHICAGO, IL 60612	36-2244897	501(C)(3)	9,696		N/A	N/A	SUB-AWARD
HENNEPIN HEALTHCARE RESEARCH INST 701 PARK AVE MINNEAPOLIS, MN 554151623	41-1677920	501(C)(3)	37,473		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 FORD HEALTH SYSTEM 2799 W GRAND BLVD DETROIT, MI 48202	38-1357020	501(C)(3)	84,217		N/A	N/A	SUB-AWARD
HODGES TRANSPORTATION INC 605 FORT CHURCHILL ROAD SILVER SPRINGS, NV 984298002	88-0314954		184,933		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
HOLMES-TUCKER INTERNATIONAL INC (HTII) 21789 N CORAL DRIVE LEXINGTON PARK, MD 206535518	54-1494948		555,951		N/A	N/A	SUB-AWARD
HONEYBEE ROBOTICS LTD 460 WEST 34TH STREET NEW YORK, NY 10001	88-0193033		698,947		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
HONEYWELL INTERNATIONAL 19019 NORTH 59TH AVE GLENDALE, AZ 85308	22-2640650		570,600		N/A	N/A	SUB-AWARD
HOOSIER CANCER RESEARCH NETWORK INC 351 W 10TH ST STE 330 INDIANAPOLIS, IN 46202	26-0303542	501(C)(3)	152,138		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
HORNBECK OFFSHORE SERVICES LLC 103 NORTHPARK BOULEVARD COVINGTON, LA 70433	72-1375844		886,137		N/A	N/A	SUB-AWARD
HOSPITAL FOR SPECIAL SURGERY 535 EAST 70TH ST NEW YORK, NY 10021	13-3623941		31,239		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
HOWARD UNIV 2225 GEORGIA AVE NW 3RD FL WASHINGTON, DC 20059	53-0204707	501(C)(3)	67,701		N/A	N/A	SUB-AWARD
HUALAPAI TRIBE PO BOX 179 PEACH SPRINGS, AZ 864340179	86-0092282		15,000		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
HUMACYTE 7020 KIT CREEK RD STE 230 DURHAM, NC 27709	84-1661297		43,092		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)	152,272		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
HYPERION RESEARCH HOLDINGS LLC 365 SUMMIT AVENUE ST PAUL, MN 55102	81-5061463		120,000		N/A	N/A	SUB-AWARD
IBM THOMAS J WATSON RESEARCH CENTER 1101 KITCHAWAN RD YORKTOWN HEIGHTS, NY 10598	13-0871985		16,767		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
ICF INCORPORATED LLC 9300 LEE HWY FAIRFAX, VA 220316050	52-0893615		50,129		N/A	N/A	SUB-AWARD
IHC HEALTH SERVICES INC 5121 S COTTONWOOD ST 6TH FL MURRAY, UT 84107	94-2854057	501(C)(3)	59,203		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
ILC DOVER LP ONE MOONWALKER RD FREDERICA, DE 19946	51-0281422		123,059		N/A	N/A	SUB-AWARD
ILLINOIS INSTITUTE OF TECHNOLOGY 10 W 35TH ST CHICAGO, IL 606163717	36-2170136	501(C)(3)	33,504		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
IMPROVEMENT PATH SYSTEMS INC 24843 IVYWOOD DR FARMINGTON HILLS, MI 48336	38-3073532		1,915,684		N/A	N/A	SUB-AWARD
IMS GOVERNMENT SOLUTIONS INC 8280 WILLOW OAKS CORPORATE DRIVE FAIRFAX, VA 22031	54-1947506		221,412		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
IMSAR LLC 510 W 90 S SALEM, UT 84653	20-1852461		75,000		N/A	N/A	SUB-AWARD
IN SILICO SOLUTIONS 2735 HARTLAND RD STE 301 FALLS CHURCH, VA 22043	26-0755383		341,085		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
INDIANA UNIVERSITY 30 E KIRKWOOD AVE BLOOMINGTON, IN 474084003	35-6001673	115	663,920		N/A	N/A	SUB-AWARD
INFINITE BIOMEDICAL TECHNOLOGIES LLC 8 MARKET PL STE 500 BALTIMORE, MD 212024264	52-2337593		9,498		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
INNOVATIONS FOR POVERTY ACTION 101 WHITNEY AVE FL 2 NEW HAVEN, CT 065101256	06-1660068	501(C)(3)	45,206		N/A	N/A	SUB-AWARD
INNOVATIVE CONCEPTS ENGINEERING INC 6411 IVY LANE GREENBELT, MD 20770	20-4498382		465,807		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
INNOVATIVE INTUITIVE TECHNOLOGY INC 711 WEST KIMBERLY AVENUE PLACENTIA, CA 92870	20-0665257		115,004		N/A	N/A	SUB-AWARD
INOVA HEALTH SYSTEM 3300 GALLOWS RD FALLS CHURCH, VA 22042	54-1773443	501(C)(3)	19,550		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
INSTITUTE FOR CLINICAL RESEARCH INC 50 IRVING ST NW WASHINGTON, DC 20422	52-1336656	501(C)(3)	19,649		N/A	N/A	SUB-AWARD
INSTITUTE FOR SYSTEMS BIOLOGY 401 TERRY AVE N SEATTLE, WA 98109	91-2003593	501(C)(3)	105,948		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
INTEGRATED PROGRAM SOLUTIONS 22164 HANOVER WOODS CT LEONARDTOWN, MD 20650	26-4289157		205,516		N/A	N/A	SUB-AWARD
INTER TRIBAL COUNCIL OF MICHIGAN INC 2956 ASHMUN ST SAULT SAINTE MARIE, MI 497833720	38-1893519	501(C)(3)	42,500		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
INTERNATIONAL FOOD POLICY RESEARCH 1201 I ST NW WASHINGTON, DC 200055905	52-1041632	501(C)(3)	338,463		N/A	N/A	SUB-AWARD
INTERNATIONAL SOCIETY FOR THIRD SECTOR RESEARCH INC 5801 SMITH AVENUE MCAULEY HALL SU BALTIMORE, MD 21209	81-1457448	501(C)(3)	33,424		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
INTERNATIONAL UNION AGAINST TUBERCULOSIS AND LUNG DISEASE 100 BROADWAY FL 4 NEW YORK, NY 100054517	22-3419667	501(C)(3)	10,000		N/A	N/A	SUB-AWARD
INTL CENTER FOR RESEARCH ON WOMEN 1120 20TH ST NW STE 500 WASHINGTON, DC 200363491	52-1081455	501(C)(3)	136,140		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
INTL RESCUE COMMITTEE 1900 N HOWARD ST BALTIMORE, MD 212185909	13-5660870	501(C)(3)	5,420		N/A	N/A	SUB-AWARD
INTRAHEALTH INTERNATIONAL INC 6340 QUADRANGLE DR STE 200 CHAPEL HILL, NC 27517	55-0825466	501(C)(3)	3,058,856		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
INTREPID SOLUTIONS AND SERVICES LLC 12001 SUNRISE VALLER DRIVE RESTON, VA 20191	26-3697206		311,967		N/A	N/A	SUB-AWARD
IVYSYS TECHNOLOGIES LLC PO BOX 7655 SILVER SPRING, MD 20907	87-0755160		264,745		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
JACKSON LABORATORY 610 MAIN ST BAR HARBOR, ME 04609	01-0211513	501(C)(3)	86,479		N/A	N/A	SUB-AWARD
JAMES BELL ASSOCIATES 3033 WILSON BLVD ARLINGTON, VA 22201	52-1150061		292,431		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
JANUS COMMUNICATIONS 9 SHELBY IRVINE, CA 92602	35-2593727		335,753		N/A	N/A	SUB-AWARD
JDSAT INC 10210 BENS WAY MANASSAS, VA 20110	46-3550262		93,154		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
JOBS FOR AMERICA'S GRADUATES INC 1729 KING ST ALEXANDRIA, VA 223142742	52-1194546	501(C)(3)	15,000		N/A	N/A	SUB-AWARD
JOHN SNOW INC 44 FARNSWORTH ST BOSTON, MA 02210	04-2578580		894,806		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
JOHNSON RESEARCH & DEVELOPMENT CO INC 275 DECATUR STREET ATLANTA, GA 30312	58-1973838		86,396		N/A	N/A	SUB-AWARD
JOINT RESEARCH AND DEVELOPMENT INC 50 TECH PARKWAY STAFFORD, VA 22556	42-1633797		407,780		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
JSI RESEARCH AND TRAINING INSTITUTE 44 FARNSWORTH ST BOSTON, MA 02210	04-2679824	501(C)(3)	1,608,581		N/A	N/A	SUB-AWARD
KAISER FOUNDATION RESEARCH 1800 HARRISON ST OAKLAND, CA 946123433	94-1105628	501(C)(3)	229,185		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
KENNEDY KRIEGER INST 3901 GREENSPRING AVE BALTIMORE, MD 21211	52-0607971	501(C)(3)	2,202,621		N/A	N/A	SUB-AWARD
KEONI GURRL PRODUCTIONS LLC 1630 T ST SE WASHINGTON, DC 20020	46-2653703		21,420		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
KINETX INC PO BOX 7336 ST CLOUD, MN 56302	77-0326085		1,328,367		N/A	N/A	SUB-AWARD
KINEX INC A WHOLLY OWNED SUBSIDIARY OF PSI 10632 LITTLE PATUXENT PARKWAY COLUMBIA, MD 210436250	54-1788913		225,521		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
L-1 STANDARDS AND TECHNOLOGY INC PO BOX 729 NEW WINDSOR, MD 217760729	52-2311965		237,662		N/A	N/A	SUB-AWARD
L3 TECHNOLOGIES INC DBA L3 SSG 65 JONSPIN ROAD WILMINGTON, MA 01887	13-3937436		9,983,697		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
LA JOLLA INFECTIOUS DISEASE INSTITUTE 3525 DEL MAR HEIGHTS RD 453 SAN DIEGO, CA 92130	20-8965505	501(C)(3)	10,394		N/A	N/A	SUB-AWARD
LAN SERVICE GROUP OF PORTLAND 18250 S CLARK LN OREGON CITY, OR 97045	26-1546434		322,336		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
LATCHMOOR SERVICES LLC 2782 LAKE POWELL ROAD WILLIAMSBURG, VA 231853702	46-1323412		24,834		N/A	N/A	SUB-AWARD
LAWRENCE BERKELEY NATIONAL LABORATORY 1 CYCLOTRON RD BERKELEY, CA 94720	94-2951741		637,070		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
LAWRENCE LIVERMORE NAT'L SECURITY LLC DBA LAWRENCE LIVERMORE NATIONAL LABOR 7000 EAST AVENUE LIVERMORE, CA 94550	20-5624386		1,506,287		N/A	N/A	SUB-AWARD
LEHIGH UNIVERSITY 526 BROADHEAD AVE BETHLEHEM, PA 180153008	24-0795445	501(C)(3)	76,261		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
LEIDOS INC 11951 FREEDOM WAY RESTON, VA 20190	95-3630868		1,286,194		N/A	N/A	SUB-AWARD
LGS INNOVATIONS LLC PO BOX C OFFICE 15A151 WHIPPANY, NJ 07981	03-0602415		8,627		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
LIEBER INSTITUTE INC 855 N WOLFE ST STE 300 BALTIMORE, MD 21205	26-3690883	501(C)(3)	1,151,581		N/A	N/A	SUB-AWARD
LINC LLC 667 F STREET NE WASHINGTON, DC 20002	46-2573007		171,746		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
LOCKHEED MARTIN CORPORATION PO BOX 2656 LANCASTER, CA 935342656	52-1893632		1,655,796		N/A	N/A	SUB-AWARD
LONG ISLAND JEWISH MEDICAL CENTER 972 BRUSH HOLLOW RD WESTBURY, NY 11590	11-2241326	501(C)(3)	18,802		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
LOS ALAMOS NATIONAL LABORATORY PO BOX 462 LOS ALAMOS, NM 87544	20-3104541	115	100,000		N/A	N/A	SUB-AWARD
LOS ANGELES BIOMEDICAL RESEARCH 1124 W CARSON ST TORRANCE, CA 90502	95-2138184	501(C)(3)	92,340		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
LOUISIANA STATE UNIV 204 THOMAS BOYD HALL BATON ROUGE, LA 708030110	72-6000848	501(C)(3)	53,115		N/A	N/A	SUB-AWARD
LOVEJAYRENAISSANCE PRODUCTIONS 74 WESTRIDGE CIR ODENTON, MD 211133902			5,475		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 INST 2425 RIDGECREST SE ALBUQUERQUE, NM 87108	85-0110669	501(C)(3)	22,978		N/A	N/A	SUB-AWARD
LUCILE SALTER PACKARD CHILDRENS HOSPITAL AT STANFORD 725 WELCH ROAD MC 5553 PALO ALTO, CA 94304	77-0003859	501(C)(3)	18,000		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
LUMA INSTITUTE LLC 1 PPG PLACE PITTSBURGH, PA 15222	27-3303717		34,764		N/A	N/A	SUB-AWARD
LUMINIT LLC 1850 W 205TH STREET TORRANCE, CA 905011526	20-3829605		273,363		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
LYN AEROSPACE LLC 3270 SUNRISE BLVD MELBOURNE, FL 32940	20-4893460		102,773		N/A	N/A	SUB-AWARD
MAC INC 909 PROGRESS CIR STE 100 SALISBURY, MD 21804	52-0992005	501(C)(3)	91,628		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		22,500		N/A	N/A	SUB-AWARD
MAGEE WOMENS RESEARCH INSTITUTE 3339 WARD ST PITTSBURGH, PA 15213	25-1462312	501(C)(3)	60,953		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)	61,185		N/A	N/A	SUB-AWARD
MANDEX INC 4001 N 9TH ST ARLINGTON, VA 22203	95-2902232		605,363		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
MARINE ACOUSTICS INC 14 PELHAM ST NEWPORT, RI 02840	04-2993452		2,139,947		N/A	N/A	SUB-AWARD
MARYLAND INSTITUTE COLLEGE OF ART 1300 W MOUNT ROYAL AVE BALTIMORE, MD 212174134	52-0591661	501(C)(3)	16,420		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
MARYLAND TREATMENT CENTER 3800 FREDERICK AVE BALTIMORE, MD 21229	52-1447757		29,833		N/A	N/A	SUB-AWARD
MASSACHUSETTS GENERAL HOSPITAL 225 WARREN BOSTON, MA 02114	04-2697983	501(C)(3)	1,073,990		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 INSTITUTE OF TECHNOLOGY 500 TECHNOLOGY SQ CAMBRIDGE, MA 02139	04-2103594	501(C)(3)	357,786		N/A	N/A	SUB-AWARD
MATTHEWS MEDIA GROUP INC 700 KING FARM BOULEVARD SUITE 500 ROCKVILLE, MD 20850	52-1586000		46,668		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
MAXPOWER INC 141 CHRISTOPHER LANE HARLEYSVILLE, PA 194382035	23-2797805		90,527		N/A	N/A	SUB-AWARD
MAXTENA INC 7361 CALHOUN PLACE ROCKVILLE, MD 20855	26-0203782		150,000		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)	1,372,154		N/A	N/A	SUB-AWARD
MCKESSON SPECIALTY HEALTH 401 MASON RD LA VERGNE, TN 37086	94-3183211		12,400		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
MCLEAN HOSPITAL CORPORATION 115 MILL ST BELMONT, MA 02478	04-2697981	501(C)(3)	255,945		N/A	N/A	SUB-AWARD
MDRC 16 E 34TH 19TH FL NEW YORK, NY 10016	23-7379473	501(C)(3)	138,662		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)	13,165		N/A	N/A	SUB-AWARD
MEDICAL COLLEGE OF WISCONSIN INC 8701 WATERTOWN PLANK RD MILWAUKEE, WI 53226	39-0806261	501(C)(3)	1,679,716		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 UNIV OF SOUTH CAROLINA 171 ASHLEY AVE CHARLESTON, SC 294253001	57-6000722	115	236,454		N/A	N/A	SUB-AWARD
MEDSTAR HEALTH RESEARCH INSTITUTE INC 6525 BELCREST ROAD HYATTSVILLE, MD 207822031	52-6056274	501(C)(3)	168,173		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
MEMBER OF THE FAMILY LLC 670 RITCHIE HIGHWAY SEVERNA PARK, MD 21146	52-2174180		55,712		N/A	N/A	SUB-AWARD
MEMORIAL SLOAN KETTERING CANCER CTR 633 THIRD AVE NEW YORK, NY 10017	13-1624082	501(C)(3)	999,507		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
MENTAL HEALTH ASSOCIATION OF MD 1301 YORK RD STE 505 LUTHERVILLE, MD 21093	52-0591666	501(C)(3)	9,425		N/A	N/A	SUB-AWARD
MENTE SYSTEMS INC DBA THEINCLAB 7900 WESTPARK DRIVE SUITE A560 MCLEAN, VA 22102	47-4488142		133,752		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
MERCURY SOLUTIONS INC 12701 MARBLESTONE DRIVE WOODBIDGE, VA 22192	47-4242949		60,337		N/A	N/A	SUB-AWARD
MERCURY SYSTEMS INC 199 RIERNECK ROAD CHELMSFORD, MA 01824	04-2741391		234,000		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
MERCYHURST UNIVERSITY 501 E 38TH ST ERIE, PA 16546	25-0965430	501(C)(3)	130,520		N/A	N/A	SUB-AWARD
MERIDIAN CLINICAL RESEARCH LLC 3319 N 107TH ST OMAHA, NE 681343664	47-0823384		7,150		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
MERIDIAN MSI LLC 18 PLEASANT STREET BRUNSWICK, ME 04011	46-4224865		218,898		N/A	N/A	SUB-AWARD
METATEQ INC 1127 PRISCILLA LANE ALEXANDRIA, VA 22308	26-0412360		62,127		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
METIS FOUNDATION 300 CONVENT ST STE 1330 SAN ANTONIO, TX 78205	47-2219464	501(C)(3)	33,739		N/A	N/A	SUB-AWARD
MGH INSTITUTE OF HEALTH PROFESSIONS 36 1ST AVE BOSTON, MA 021294557	04-2868893	501(C)(3)	36,805		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
MICHIGAN STATE UNIV 301 ADMINISTRATION BLDG EAST LANSING, MI 48824	38-6005984	115	354,105		N/A	N/A	SUB-AWARD
MICROWAVE DYNAMICS 14321 CHAMBERS RD TUSTIN, CA 92780	33-0566098		60,000		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
MICROWAVE ENGINEERING & MANUFACTURING CORP 10087 TYLER PLACE IJAMSVILLE, MD 217548747	52-2042902		15,500		N/A	N/A	SUB-AWARD
MID ATLANTIC PERMANENTE MEDICAL 2101 E JEFFERSON ST ROCKVILLE, MD 20852	52-1196226		222,065		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
MILLION CONCEPTS LLC 1355 BARDSTOWN RD 132 LOUISVILLE, KY 402041353	37-1739173		5,043		N/A	N/A	SUB-AWARD
MILTEC UV INTERNATIONAL LLC 146 LOG CANOE CIRCLE STEVENSVILLE, MD 21666	27-3684890		81,139		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
MIRANDA INC PO BOX 400 COLUMBIA, MD 21045	52-2230696		232,526		N/A	N/A	SUB-AWARD
MISSISSIPPI STATE UNIVERSITY PO BOX 6156 HARDY RD MISSISSIPPI STATE, MS 39762	64-6000819	501(C)(3)	11,015		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
MISSOURI BREAKS INDUSTRIES RESEARCH 24181 148 STREET TIMBERLAKE, SD 57656	46-0438471		202,041		N/A	N/A	SUB-AWARD
MN ASSOCIATES INC 5231 GUNPOWDER RD FAIRFAX, VA 22030	20-1927547		19,320		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
MOD4D2 LLC 3484 ROOSEVELT STREET CARLSBAD, CA 92008	82-0833326		134,424		N/A	N/A	SUB-AWARD
MONELL CHEMICAL SENSES CENTER 3500 MARKET ST PHILADELPHIA, PA 191043308	23-2020897	501(C)(3)	43,382		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
MONOGRAM BIOSCIENCES 345 OYSTER POINT BLVD SAN FRANCISCO, CA 94080	94-3234479		9,267		N/A	N/A	SUB-AWARD
MONTANA STATE UNIVERSITY INC PO BOX 172470 BOZEMAN, MT 597172470	81-6010045	115	11,407		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
MONTEFIORE MEDICAL CTR 111 E 210TH ST BRONX, NY 104672490	13-1740114	501(C)(3)	68,472		N/A	N/A	SUB-AWARD
MOOG INC PO BOX 405228 ATLANTA, GA 30384	16-0757636		1,289,408		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
MORGAN STATE UNIV 1700 E COLDSRING LN BALTIMORE, MD 21251	23-7089143	115	229,684		N/A	N/A	SUB-AWARD
MOSAIC COMMUNITY SERVICES INC 1925 GREENSPRING DR TIMONIUM, MD 21093	52-1338141	501(C)(3)	54,768		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
MOUNT SINAI SCHOOL OF MEDICINE ONE GUSTAVE L LEVY PL BOX 1075 NEW YORK, NY 10029	13-6171197	501(C)(3)	870,986		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)	66,183		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
NABLA ZERO LABS 535 OLD MILL ROAD SAN MARINO, CA 911081651	81-2125361		72,543		N/A	N/A	SUB-AWARD
NANODIRECT LLC 1100 WICOMICO ST STE 600 BALTIMORE, MD 212302090	46-3283466		60,000		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 AERONAUTICS & SPACE ADMINISTRATION 4800 OAK GROVE DRIVE MAIL 180-802 PASADENA, CA 91109	53-0201509	501(C)(1)	35,931		N/A	N/A	SUB-AWARD
NATIONAL COALITION ON HEALTH CARE 1299 PENNSYLVANIA AVE NW STE 1175 WASHINGTON, DC 200042426	52-1687849	501(C)(3)	28,713		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)	157,835		N/A	N/A	SUB-AWARD
NATIONAL OPINION RESEARCH CENTER 55 E MONROE ST FL 20 CHICAGO, IL 60603	36-2167808	501(C)(3)	2,416,602		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 TECHNOLOGIES ASSOCIATION INC 6601 LITTLE RIVER TURNPIKE 215 ALEXANDRIA, VA 22312	54-1169829		141,691		N/A	N/A	SUB-AWARD
NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA LLC 1515 EUBANK BLVD NE MS-1387 ALBUQUERQUE, NM 87123	85-0097942	501(C)(1)	738,844		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
NATL JEWISH MEDICAL AND RES CTR 1400 JACKSON ST DENVER, CO 802062761	74-2044647	501(C)(3)	55,765		N/A	N/A	SUB-AWARD
NAVAL AIR WARFARE CENTER 22783 CEDAR POINT ROAD BLDG 2168 PATUXENT RIVER, MD 206701160		501(C)(1)	10,000		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
NAVAL SURFACE WARFARE CENTER 4104 EVANS WAY STE 102 INDIAN HEAD, MD 20640	53-0235662	501(C)(1)	200,000		N/A	N/A	SUB-AWARD
NAVATEK LLC 841 BISHOP STREET HONOLULU, HI 968133916	99-0178612		6,615		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
NETFLOOR USA 374 B COMPTON STREET CHARLOTTE, NC 28273	56-2174072		21,949		N/A	N/A	SUB-AWARD
NEW JERSEY INSTITUTE OF TECHNOLOGY 323 DR MARTIN LUTHER KING JR BLVD NEWARK, NJ 07102	22-6000910	115	1,557,906		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
NEW MEXICO INSTITUTE OF MINING & TECH 801 LEROY PLACE SOCORRO, NM 878014750	85-6000411	115	82,827		N/A	N/A	SUB-AWARD
NEW SCALE TECHNOLOGIES INC 8938 121 VICTOR HEIGHTS PKWY VICTOR, NY 14564	22-3867856		83,361		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
NEW YORK CITY HEALTH AND HOSPITAL 1400 PELHAM PKWY SOUTH BRONX, NY 10461	13-2655001	115	182,154		N/A	N/A	SUB-AWARD
NEW YORK UNIV 341 E 25TH ST NEW YORK, NY 10010	13-5562308	501(C)(3)	523,244		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
NEWARK BETH ISRAEL MEDICAL CENTER 201 LYONS AVE NEWARK, NJ 07112	22-3452311	501(C)(3)	70,000		N/A	N/A	SUB-AWARD
NEWFORGE TECHNOLOGIES 249 HOMESTEAD ROAD SOMERSET, NJ 18954	47-9499906		114,733		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
NEXGEN COMMUNICATIONS LLC A WHOLLY OWNED SUBS OF HARRIS CORP 85 NORTHWEST BOULEVARD NASHUA, NH 030634068	54-2013068		84,846		N/A	N/A	SUB-AWARD
NEXTAGE LLC 6802 CHICKADEE LANE NEW MARKET, MD 217746530	47-1667974		214,902		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
NORTH CAROLINA A&T STATE UNIVERSITY 1601 E MARKET ST GREENSBORO, NC 274110001	56-6000007	115	266,563		N/A	N/A	SUB-AWARD
NORTHEASTERN UNIVERSITY 360 HUNTINGTON AVE BOSTON, MA 02115	91-1898417	501(C)(3)	135,307		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
NORTHROP GRUMMAN CORP ELECTRONIC SYSTEMS 895 OCEANIC DR ANNAPOLIS, MD 21401	95-4840775		15,516		N/A	N/A	SUB-AWARD
NORTHROP GRUMMAN SYSTEMS CORPORATION PO BOX 232913 MERRIFIELD, VA 221162329	95-1055798		5,199,046		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
NORTHSIDE HOSPITAL INC 1000 JOHNSON FERRY RD ATLANTA, GA 303421611	58-1954432	501(C)(3)	47,174		N/A	N/A	SUB-AWARD
NORTHWESTERN UNIVERSITY 633 CLARK ST 2-502 EVANSTON, IL 602081110	36-2167817	501(C)(3)	963,642		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
NORTON HEALTHCARE INC PO BOX 950268 LOUISVILLE, KY 402950268	61-1028725	501(C)(3)	24,206		N/A	N/A	SUB-AWARD
NRT METHODOLOGIES INC 1901 N 370 W TOOELE, UT 840748920	27-4375172		36,460		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
NUAIR ALLIANCE INC 250 HARRISON ST SYRACUSE, NY 13202	46-0606366		10,000		N/A	N/A	SUB-AWARD
NUMERICA CORPORATION 5042 TECHNOLOGY PARKWAY FORT COLLINS, CO 80528	84-1349484		318,468		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
OAK RIDGE ASSOCIATED UNIVERSITITES INC 130 BADGER AVE OAK RIDGE, TN 37830	62-0476801	501(C)(3)	211,561		N/A	N/A	SUB-AWARD
OASIS SYSTEMS LLC 24 HARTWELL AVE LEXINGTON, MA 02421	04-3382761		19,145		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
OCEANEERING INTERNATIONAL INC 804-D INDUSTRIAL AVE CHESAPEAKE, VA 23324	95-2628227		54,708		N/A	N/A	SUB-AWARD
OHIO STATE UNIV 1960 KENNY RD COLUMBUS, OH 43210	31-6401599	501(C)(3)	21,091		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
OHIOHEALTH RESEARCH INSTITUTE 3545 OLENTANGY RIVER RD STE 408 COLUMBUS, OH 43214	31-6059784		7,150		N/A	N/A	SUB-AWARD
ONCOLOGY HEMATOLOGY WEST PC 17201 WRIGHT ST STE 200 OMAHA, NE 68130	47-0754790		35,253		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
OPENJAUS LLC 2820 WOOSTER DRIVE ALLISON PARK, PA 15101	27-3228750		95,172		N/A	N/A	SUB-AWARD
OPHTHALMIC CONSULTANTS OF BOSTON 50 STANIFORD ST BOSTON, MA 02114	61-1433916	501(C)(9)	12,450		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
ORBITAL SCIENCES CORP PO BOX 1450 MINNEAPOLIS, MN 554857854	06-1209561		574,538		N/A	N/A	SUB-AWARD
ORBITAL SCIENCES CORPORATION 21829 ATLANTIC BLVD DULLES, VA 20166	54-1512926		8,931		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
OREGON HEALTH AND SCIENCES UNIV 3181 SW SAMUEL JACKSON PORTLAND, OR 97201	51-0151916	115	1,189,016		N/A	N/A	SUB-AWARD
OUR LADY OF THE LAKE PHYSICIAN 5000 HENNESSY BLVD BATON ROUGE, LA 70809	27-4026658	501(C)(3)	69,890		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
OUT OF THE FOG RESEARCH LLC 565 CLYDE AVE 620 MOUNTAIN VIEW, CA 94043			399,903		N/A	N/A	SUB-AWARD
PACIFIC BUSINESS GROUP ON HEALTH 275 BATTERY ST STE 480 SAN FRANCISCO, CA 941113309	94-3093623		27,855		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
PACIFIC MARITIME FREIGHT INC DBA PACIFIC TUGBOAT SERVICE 1444 CESAR E CHAVEZ PKWY SAN DIEGO, CA 92113	03-0471259		1,537,620		N/A	N/A	SUB-AWARD
PACIFIC SCIENCE & ENGINEERING GROUP INC 9180 BROWN DEER ROAD SAN DIEGO, CA 921212238	33-0086000		146,652		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
PACIFIC SHELLFISH INSTITUTE 120 STATE AVE NE 1056 OLYMPIA, WA 98501	91-1703218		6,117		N/A	N/A	SUB-AWARD
PALLADIUM INTERNATIONAL LLC 1000 W MAIN ST SND FL DURHAM, NC 277012098	26-1509671		62,070		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
PALMER WOLF CORPORATION 8A FRANCIS AVE CAMBRIDGE, MA 02138	04-2793784		25,326		N/A	N/A	SUB-AWARD
PALO ALTO INSTITUTE FOR RESEARCH AND EDUCATION 3801 MIRANDA AVE 151 P PALO ALTO, CA 943040038	77-0207331	501(C)(3)	59,223		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
PALO ALTO RESEARCH CENTER 3333 COYOTE HILL ROAD PALO ALTO, CA 94304	06-1568182		33,381		N/A	N/A	SUB-AWARD
PAPGENE INC 810 WYMAN PARK DR BALTIMORE, MD 212112840	46-5019671		2,342,557		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
PARK WEST HEALTH SYSTEMS INC 3319 W BELVEDERE AVE BALTIMORE, MD 212155143	52-0976937	501(C)(3)	37,641		N/A	N/A	SUB-AWARD
PARTNERSHIP WITH CHILDREN INC 299 BROADWAY RM 1300 NEW YORK, NY 100071932	13-5596751	501(C)(3)	72,186		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
PATHFINDER INTERNATIONAL 9 GALEN ST STE 217 WATERTOWN, MA 02472	53-0235320	501(C)(3)	201,893		N/A	N/A	SUB-AWARD
PENINSULA REGIONAL MEDICAL CTR 100 E CARROLL ST SALISBURY, MD 218015493	52-0591628	501(C)(3)	101,854		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
PENNSYLVANIA STATE UNIVERSITY PO BOX 30 STATE COLLEGE, PA 168040030	24-6000376	115	1,706,948		N/A	N/A	SUB-AWARD
PEOPLETEC INC 4901-1 CORPORATE DRIVE HUNTSVILLE, AL 358056206	20-2320135		10,570		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
PERDU GLOBAL LLC 9005 OVERLOOK BOULEVARD BRENTWOOD, TN 370275269	83-0760609		200,264		N/A	N/A	SUB-AWARD
PHILIPS MEDICAL 64 PERIMETER CENTER E ATLANTA, GA 30346	13-2636518		95,961		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
PHYSICAL SCIENCES INC 20 NEW ENGLAND BUSINESS CTR DR ANDOVER, MA 01810	04-2517090		111,622		N/A	N/A	SUB-AWARD
PIEDMONT HEALTHCARE INC 1968 PEACHTREE RD NW BLDG 95 STE 30 ATLANTA, GA 303091281	58-1503902	501(C)(3)	17,020		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
PIXELTEQ INC 8060 BRYAN DAIRY ROAD LARGO, FL 33777	26-3796391		86,822		N/A	N/A	SUB-AWARD
PLANETARY SCIENCE INSTITUTE 1700 E FORT LOWELL ROAD TUCSON, AZ 857192395	33-0175263		225,454		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
POLARIS ALPHA ADVANCED SYSTEMS INC (A PARSONS COMPANY) 10300 SPOTSYLVANIA AVENUE FREDERICKSBURG, VA 22408	54-1173997		7,615		N/A	N/A	SUB-AWARD
POPULATION ACTION INTL 1300 19TH ST NW STE 200 WASHINGTON, DC 20036	52-0812075	501(C)(3)	825,646		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
POPULATION COUNCIL INC 1 DAG HAMMARSKJOLD PLZ FL 3 NEW YORK, NY 100172251	13-1687001	501(C)(3)	143,894		N/A	N/A	SUB-AWARD
POPULATION SERVICES INTL 1120 19TH ST NW WASHINGTON, DC 20036	56-0942853	501(C)(3)	2,951,724		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
PORTLAND STATE UNIVERSITY PO BOX 751 PORTLAND, OR 972070751	93-0401259	501(C)(3)	40,000		N/A	N/A	SUB-AWARD
POTOMAC FOUNDATION 8618 WESTWOOD CENTER DR STE 300 VIENNA, VA 22182	54-1468870	501(C)(3)	108,244		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
PPG INDUSTRIES INC 4325 ROSANNA DRIVE ALLISON PARK, PA 161011423	25-0730780		61,320		N/A	N/A	SUB-AWARD
PREDICTIVE SCIENCE INC 9990 MESA RIM ROAD SAN DIEGO, CA 921213933	26-3200502		57,128		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
PRESSURE PROFILE SYSTEMS INC 5757 CENTURY BLVD LOS ANGELES, CA 90045	95-4600767		159,103		N/A	N/A	SUB-AWARD
PRINCE GEORGES COUNTY PUB SCHOOL 14201 SCHOOL LANE UPPER MARLBORO, MD 20772	52-6000992	115	116,625		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
PRINCETON UNIVERSITY 701 CARNEGIE CENTER PRINCETON, NJ 08540	21-0634501	501(C)(3)	3,075,591		N/A	N/A	SUB-AWARD
PROBITY INC 754 ELDEN STREET HERNDON, VA 20170	27-5398621		2,421,464		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
PROGENY SYSTEMS CORPORATION 9500 INNOVATION DRIVE MANASSAS, VA 20110	54-1766108		12,442		N/A	N/A	SUB-AWARD
PROTEIN CORE FACILITY 630 W 168TH ST BOX 54 NEW YORK, NY 10032			12,292		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
PROVIDENCE HEALTH AND SERVICES 9205 SW BARNES RD PORTLAND, OR 97225	93-0386929	501(C)(3)	8,502		N/A	N/A	SUB-AWARD
PUBLIC HEALTH MANAGEMENT CORP 1500 MARKET ST STE 1500 PHILADELPHIA, PA 191022100	23-7221025	501(C)(3)	83,640		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
PURDUE UNIVERSITY 155 SOUTH GATE STREET WEST LAFAYETTE, IN 479072114	35-6002041	115	121,080		N/A	N/A	SUB-AWARD
QINETIQ INC 7918 JONES BRANCH DR SUITE 350 MCLEAN, VA 22102	54-2047211		16,037		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
QUANTUM ENGINEERING DESIGN INC 30487 PETERSON RD CORVALLIS, OR 97333	93-1211775		967,484		N/A	N/A	SUB-AWARD
RADIANCE TECHNOLOGIES INC 350 WYNN DRIVE HUNTSVILLE, AL 35805	63-1204084		200,654		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
RAMAPO FOR CHILDREN INC 49 WEST 38TH ST FL 5 NEW YORK, NY 10018	13-5600422	501(C)(3)	21,000		N/A	N/A	SUB-AWARD
RAND CORP MS- ACCT 1700 MAIN ST SANTA MONICA, CA 90401	95-1958142	501(C)(3)	97,393		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
RAP RESEARCH LAB LLC 1201 W MOUNT ROYAL AVE UNIT 535 BALTIMORE, MD 212175537	83-3531821		40,000		N/A	N/A	SUB-AWARD
RAYTHEON APPLIED SIGNAL TECHNOLOGY INC 460 W CALIFORNIA AVENUE SUNNYVALE, CA 940865148	77-0015491		114,274		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
RAYTHEON BBN TECHNOLOGIES CORP PO BOX 4340 BOSTON, MA 022114340	41-2126829		469,014		N/A	N/A	SUB-AWARD
RAYTHEON TECHNICAL PO BOX 3411 BOSTON, MA 02241	04-2305772		152,095		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
RAZZAK TUCKER KAFONEK HANSEN MD PA 10751 FALLS RD STE 303 LUTHERVILLE, MD 21093	52-1095386		5,700		N/A	N/A	SUB-AWARD
READING HOSPITAL 301 S 7 AVE WEST READING, PA 19611	23-1352204	501(C)(3)	86,407		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
REGAL DECISION SYSTEMS 2445 HOLLY AVENUE SUITE 122 ANNAPOLIS, MD 21401	52-2067271		9,149		N/A	N/A	SUB-AWARD
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1100 KINROSS AVE LOS ANGELES, CA 90095	95-6002123	115	14,719		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
REGENTS OF THE UNIVERSITY OF COLORADO 3100 MARINE ST RM 481 DENVER, CO 802910220	84-6000555	115	1,786,033		N/A	N/A	SUB-AWARD
REGENTS OF THE UNIVERSITY OF IDAHO 875 PERIMETER DR STOP 3020 MOSCOW, ID 838449803	82-6000945	501(C)(3)	57,640		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
REMUDA LLC 101 S MAIN STREET SUIT 300 PUEBLO, CO 81003	47-1092966		89,222		N/A	N/A	SUB-AWARD
RENSSELAER POLYTECHNIC INSTITUTE 17 CRAMER PATH GANSEVOORT, NY 12831	14-1340095	501(C)(3)	5,616		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
RESEARCH CONSULTING GROUP INC 1411 SARATOGA DR BEL AIR, MD 21014	52-2047439		99,637		N/A	N/A	SUB-AWARD
RESEARCH FOUNDATION FOR MENTAL 150 BROADWAY STE 301 MENANDS, NY 12204	14-1410842	501(C)(3)	153,025		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
RESEARCH FOUNDATION OF CUNY 230 W 41ST STREET NEW YORK, NY 10036	13-1988190	501(C)(3)	174,662		N/A	N/A	SUB-AWARD
RESEARCH INSTITUTE AT NATIONWIDE PO BOX 715245 COLUMBUS, OH 43215	31-6056230	501(C)(3)	58,567		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
RESEARCH TRIANGLE INSTITUTE PO BOX 12194 RESEARCH TRIANGLE, NC 277092194	56-0686338	501(C)(3)	5,048,547		N/A	N/A	SUB-AWARD
RESULTS FOR DEVELOPMENT INSTITUTE INC 1100 15 ST NW STE 400 WASHINGTON, DC 20005	20-8530747	501(C)(3)	375,749		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
RHODE ISLAND HOSPITAL 593 EDDY ST PROVIDENCE, RI 02903	05-0258954	501(C)(3)	247,446		N/A	N/A	SUB-AWARD
RICE UNIV OFFICE OF SPONSORED RESEARCH MS 16 HOUSTON, TX 770051892	74-1109620	501(C)(3)	71,132		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
RIVERA CONSULTING GROUP INC 7060 STATE ROAD 311 SELLERSBURG, IN 47172	20-2863627		1,111,242		N/A	N/A	SUB-AWARD
ROCHESTER INSTITUTE OF TECHNOLOGY 7 LOMB MEMORIAL DR ROCHESTER, NY 146235603	16-0743140	501(C)(3)	36,297		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
ROCKET TECHNOLOGY INC 1108 EAST MAIN STREET SUITE 210 RICHMOND, VA 23219	06-1675970		132,095		N/A	N/A	SUB-AWARD
ROSWELL PARK CANCER INSTITUTE ELM AND CARLTON STS BUFFALO, NY 14263	16-1391608	501(C)(3)	151,411		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
RST LLC 450 SUNNYSIDE RIDGE ROAD SANDPOINT, ID 83864	27-0434974		151,825		N/A	N/A	SUB-AWARD
RUHLE COMPANIES INC 99 WALL STREET VALHALLA, NY 10595	13-3616096		315,303		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
RUSH UNIVERSITY MEDICAL CTR 1653 W CONGRESS PKWY CHICAGO, IL 60612	36-2174823	501(C)(3)	213,671		N/A	N/A	SUB-AWARD
RUTGERS UNIVERSITY 675 HOES LANE WAY PISCATAWAY, NJ 08854	22-1775306	115	2,048,160		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
SAFT AMERICA INC 107 BEAVER COURT COCKEYSVILLE, MD 21030	58-2209171		18,497		N/A	N/A	SUB-AWARD
SAINT BARNABAS MEDICAL CENTER 94 OLD SHORT HILLS RD LIVINGSTON, NJ 070395672	22-1494440	501(C)(3)	8,814		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
SAINT JUDE CHILDRENS RESEARCH HOSP 332 N LAUDERDALE MEMPHIS, TN 38105	62-0646012	501(C)(3)	366,185		N/A	N/A	SUB-AWARD
SAINT LOUIS UNIV 1438 S GRAND BLVD ST LOUIS, MO 63104	43-0654872	501(C)(3)	65,186		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
SALIENT CRGT INC 4000 LEGATO ROAD FAIRFAX, VA 22033	52-1749431		12,792		N/A	N/A	SUB-AWARD
SAN DIEGO STATE UNIV FOUNDATION 5500 CAMPANILE DR SAN DIEGO, CA 921821611	95-6042721	501(C)(3)	9,197		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
SANTA BARBARA INFRARED INC 30 S CALLE CESAR CHAVEZ SANTA BARBARA, CA 93103	77-0111325		42,912		N/A	N/A	SUB-AWARD
SAVE THE CHILDREN 54 WILTON RD WESTPORT, CT 06880	06-0726487	501(C)(3)	2,206,195		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
SAVID LLC 12576 SCULLY AVE SARATOGA, CA 95070	16-1643068		44,886		N/A	N/A	SUB-AWARD
SCIENCE & ENGINEERING SERVICE LLC 6992 COLUMBIA GATEWAY DRIVE SUITE 200 COLUMBIA, MD 21046	52-1569411		823,332		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
SCRIPPS RESEARCH INST 10550 N TORRY PINES RD LA JOLLA, CA 92037	33-0436954	501(C)(3)	522,503		N/A	N/A	SUB-AWARD
SEALANDAIRE TECHNOLOGIES INC 1623 WILDWOOD AVENUE JACKSON, MI 492024041	38-3347517		788,606		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
SEATTLE CHILDRENS HOSPITAL PO BOX 5371 7G3 SEATTLE, WA 981050371	91-0564748	501(C)(3)	258,483		N/A	N/A	SUB-AWARD
SEDNA DIGITAL SOLUTIONS LLC 10611 BALLS FORD ROAD MANASSAS, VA 201092378	11-3722762		198,707		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
SETI INSTITUTE 189 BERNARDO AVE SUITE 200 MOUNTAIN VIEW, CA 94043	94-2951356	501(C)(3)	31,737		N/A	N/A	SUB-AWARD
SETON HALL UNIVERSITY 400 S ORANGE AVE SOUTH ORANGE, NJ 070792646	22-1500645	501(C)(3)	47,147		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
SGT LLC PO BX 758671 BALTIMORE, MD 21275	52-1568810		190,203		N/A	N/A	SUB-AWARD
SHARED SPACE STUDIOS LLC 19 MORRIS AVE BLDG 128 BROOKLYN, NY 112051095	47-1773856		89,758		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
SHARED SPECTRUM COMPANY 1593 SPRING HILL ROAD VIENNA, VA 221822249	31-1749371		303,538		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)	68,333		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
SIEMENS MEDICAL SOLUTIONS USA INC 755 COLLEGE RD E MALVERN, PA 19355	22-2417778		133,847		N/A	N/A	SUB-AWARD
SIERRA NEVADA CORPORATION 18635 JARKEY DR HAGERSTOWN, MD 21742	88-0094415		4,566,456		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
SIGMADYNE INC 803 WEST AVENUE ROCHESTER, NY 146112400	16-1561831		38,775		N/A	N/A	SUB-AWARD
SIGNAL SYSTEMS CORPORATION 1127 B BENFIELD BOULEVARD MILLERSVILLE, MD 21108	52-1943944		182,786		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
SIMEON TECHNOLOGY LLC 6014 DEEP LAKE WAY BURKE, VA 22015	45-5585170		68,931		N/A	N/A	SUB-AWARD
SIMULATION SYSTEMS TECHNOLOGIES INC 703 WHITE HORSE RD VOORHEES, NJ 08043	22-2818966		880,547		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
SINAI HOSPITAL 2401 W BELVEDERE AVE BALTIMORE, MD 21215	52-0486540	501(C)(3)	117,296		N/A	N/A	SUB-AWARD
SKAN ELECTRIC LLC 6007 MURCHISON ROAD FAYETTEVILLE, NC 28311			29,945		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
SKYLINE TECHNOLOGY SOLUTIONS LLC 6200 C GEORGETOWN BLVD ELDERSBURG, MD 21784	37-1494684		85,808		N/A	N/A	SUB-AWARD
SMITH COLLEGE 10 COLLEGE HALL NORTHAMPTON, MA 01063	04-1843040	501(C)(3)	14,988		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
SMITHSONIAN INSTITUTION PO BOX 37012 WASHINGTON, DC 200137012	53-0206027	501(C)(3)	3,683,731		N/A	N/A	SUB-AWARD
SOLAERO TECHNOLOGIES CORP 10420 RESEARCH ROAD SE ALBUQUERQUE, NM 871233452	47-1941203		1,301,723		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
SOLIPSYS CORPORATION DBA RAYTHEON SOLIPSYS 8170 MAPLE LAWN BOULEVARD FULTON, MD 20759	52-1963350		288,196		N/A	N/A	SUB-AWARD
SONALYSTS INC 215 PARKWAY NORTH WATERFORD, CT 063850280	06-0902362		524,384		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
SONOMA TECHNOLOGY INC 1455 N MCDOWELL BLVD STE D PETALUMA, CA 94954	94-2824807		16,082		N/A	N/A	SUB-AWARD
SOUTHERN CALIFORNIA PERMANENTE MEDICAL GROUP 100 S LOS ROBLES AVE FL 2 PASADENA, CA 911012453	95-1750445		102,977		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
SOUTHERN METHODIST UNIVERSITY INC PO BOX 750100 DALLAS, TX 752750001	75-0800689	501(C)(3)	46,130		N/A	N/A	SUB-AWARD
SOUTHWEST RESEARCH INSTITUTE 6220 CULEBRA ROAD SAN ANTONIO, TX 78238	74-1070544	501(C)(3)	966,371		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
SPACE MICRO INC 10237 FLANDERS COURT SAN DIEGO, CA 92121	55-0819567		652,163		N/A	N/A	SUB-AWARD
SPACE POWER ELECTRONICS INC 108 AUDREY WAY KATHLEEN, GA 31047	52-2058211		166,944		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
SPACE SCIENCE INSTITUTE 1234 INNOVATION DRIVE BOULDER, CO 803037814	84-1215290	501(C)(3)	38,342		N/A	N/A	SUB-AWARD
SPATIAL INTEGRATED SYSTEMS INC 9075 SHADY GROVE CT GAITHERSBURG, MD 20877	31-1508233		1,323,296		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
SPECIFICA INC 1512 PACHECO ST UNIT A203 SANTA FE, NM 87505	81-2783778		153,670		N/A	N/A	SUB-AWARD
SPECTRAL SENSOR SOLUTIONS LLC 10500 COOPER AVENUE SUITE 1 ALBUQUERQUE, NM 87123	45-5372658		1,343,642		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
SRA INTERNATIONAL INC 4300 FAIR LAKES COURT FAIRFAX, VA 220334232	54-1013306		337,741		N/A	N/A	SUB-AWARD
SRI INTERNATIONAL 333 RAVENSWOOD AVENUE MENLO PARK, CA 94025	94-1160950	501(C)(3)	4,553,631		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
SSC SPACE US INC 417A CARADEAN DRIVE HORSHAM, PA 19044	33-0749451		351,734		N/A	N/A	SUB-AWARD
ST JOSEPH HOSPITAL AND MEDICAL CTR CHW ST JOSEPH HOSPITAL AZ LOS ANGELES, CA 90074	95-1675600	501(C)(3)	53,779		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
ST ONGE COMPANY 1400 WILLIAMS ROAD YORK, PA 17402	23-2255227		7,705		N/A	N/A	SUB-AWARD
STAGWELL MEDIA LLC DBA HARRIS INSIG 1700 K ST NW STE 750 WASHINGTON, DC 200063820	47-2913060		69,300		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
STANFORD UNIVERSITY 651 SERRA ST STANFORD, CA 94305	94-1156365	501(C)(3)	1,326,607		N/A	N/A	SUB-AWARD
STARGATES INC 1100 N GLEBE ROAD ARLINGTON, VA 22203	54-1876344		665,888		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
STARSHIP HEALTH TECHNOLOGIES LLC 2250 HICKORY RD STE 150 PLYMOUTH MEETING, PA 19462	45-2776181		15,872		N/A	N/A	SUB-AWARD
STATE UNIVERSITY OF IOWA FOUNDATION ONE WEST PARK ROAD IOWA CITY, IA 52242	42-0796760	501(C)(3)	628,461		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
STONY BROOK UNIVERSITY DLAR DIVISION OF LAB ANIMAL RESOURC STONY BROOK, NY 11794	11-2558775	501(C)(3)	498,338		N/A	N/A	SUB-AWARD
STOOP STORYTELLING SERIES LLC 206 NORTHFIELD PL BALTIMORE, MD 21210	45-1016935		10,000		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
STRATEGIC SOLUTIONS INTEGRATED INC 900 NSTUART ST 1415 ARLINGTON, VA 22203	27-4618833		794,519		N/A	N/A	SUB-AWARD
STRAVIGANT LLC 12121 HOLLY KNOLL CIRCLE GREAT FALLS, VA 220661227	33-0950544		49,000		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
SUNDANCE INSTITUTE 1825 THREE KINGS DR PARK CITY, UT 840607284	87-0361394		75,000		N/A	N/A	SUB-AWARD
SURFACE OPTICS CORPORATION 11555 RANCHO BERNARDO RD SAN DIEGO, CA 921271441	95-3245616		19,000		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
SWEDISH HEALTH SERVICES 747 BROADWAY SEATTLE, WA 981224307	91-0433740	501(C)(3)	21,014		N/A	N/A	SUB-AWARD
SYNCOPATED ENGINEERING INC 5520 RESEARCH PARK DR SUITE 100 BALTIMORE, MD 21228	46-0859772		874,790		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
SYRACUSE UNIVERSITY 113 BOWNE HALE SYRACUSE, NY 132441200	15-0532081	501(C)(3)	125,684		N/A	N/A	SUB-AWARD
SYRIAN AMERICAN MEDICAL SOCIETY 1012 14TH ST NW STE 1500 WASHINGTON, DC 20005	16-1717058	501(C)(3)	54,735		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
SYSTEMS & TECHNOLOGY RESEARCH 600 WEST CUMMINGS PARK WOBURN, MA 01801	27-3556936		14,479		N/A	N/A	SUB-AWARD
SYSTEMS ENGINEERING ASSOCIATES CORP 62 JOHNNY CAKE HILL MIDDLETOWN, RI 02842	05-0392482		16,092		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
SYSTEMS ENGINEERING GROUP INC 9861 BROKEN LAND PKWY COLUMBIA, MD 210463049	52-1746775		83,227		N/A	N/A	SUB-AWARD
SYSTEMS PLANNING & ANALYSIS INC 1429 NORTH QUINCY ST ARLINGTON, VA 222073645	52-0956951		26,484		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
SYZYGY INTEGRATION LLC 100 NORTH 22ND STREET PHILADALPHIA, PA 19103	81-3093763		281,601		N/A	N/A	SUB-AWARD
TALON CONCEPTS GROUP LLC PO BOX 37 CATHARPIN, VA 201430037	82-4204859		313,249		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
TECH INNOVATIONS LLC 14821 BURNTWOODS ROAD GLENWOOD, MD 21738	14-1998504		243,336		N/A	N/A	SUB-AWARD
TECHNOMICS INC 201 12TH STREET SOUTH SUITE 612 ARLINGTON, VA 22202	77-0023801		19,506		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
TELEMUS GROUP LLC 6723 WHITTIER AVENUE MCLEAN, VA 22046	81-2120095		118,526		N/A	N/A	SUB-AWARD
TEMPLE UNIVERSITY 3400 N BROAD ST PHILADELPHIA, PA 19140	23-1365971	501(C)(3)	99,252		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
TETRACORE INC 9901 BELWARD CAMPUS DR ROCKVILLE, MD 20850	52-2112478		45,944		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)	594,820		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
TEXAS A&M ENGINEERING EXPERIMENT STATION 400 HARVEY MITCHELL PARKWAY SOUTH COLLEGE STATION, TX 77845	74-1974733	115	24,261		N/A	N/A	SUB-AWARD
TEXAS A&M UNIVERSITY 401 GEORGE BUSH DRIVE COLLEGE STATION, TX 778433127	74-6000531	115	46,538		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
TEXAS TECH UNIV HEALTH SCIENCE CTR 3601 4TH ST LUBBOCK, TX 79430	75-6002622	115	15,178		N/A	N/A	SUB-AWARD
THALES COMPONENTS CORPORATION 140 CENTENNIAL AVE PISCATAWAY, NJ 088543908	22-2676541		3,983,064		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
THALES DEFENSE AND SECURITY INC 22605 GATEWAY CENTER DRIVE CLARKSBURG, MD 20871	52-0802860		1,404,229		N/A	N/A	SUB-AWARD
THE BOB JOHNSON GROUP LLC 3575 BRIDGE ROAD SUFFOLK, VA 234351356	81-3671404		248,226		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
THE CHICAGO LIGHTHOUSE FOR PEOPLE WHO ARE BLIND OR VISUALLY IMPAIRED 1850 W ROOSEVELT RD CHICAGO, IL 606081200	36-2169139	501(C)(3)	74,302		N/A	N/A	SUB-AWARD
THE GASTON AND PORTER HEALTH 8612 TIMBER HILL LN POTOMAC, MD 20854	03-0455203	501(C)(3)	223,410		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
THE GENEVA FOUNDATION PO BOX 98687 LAKEWOOD, WA 98496	91-1593913	501(C)(3)	309,153		N/A	N/A	SUB-AWARD
THE GLOBAL KNOWLEDGE INITIATIVE 1200 NEW YORK AVE NW WASHINGTON, DC 20005	27-0559519	501(C)(3)	89,961		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
THE MIND RESEARCH NETWORK 1101 YALE BOULEVARD NE ALBUQUERQUE, NM 871064188	85-0457562		28,396		N/A	N/A	SUB-AWARD
THE PARKER GROUP INC 4541 AUKUU ROAD KEKAHA, HI 967521132	73-1533250		6,580,161		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
THE PEALE CENTER PO BOX 1742 BALTIMORE, MD 212331742	80-0207754	501(C)(3)	17,000		N/A	N/A	SUB-AWARD
THE PROTON THERAPY CENTER LLC 6450 PROVISION CARES WAY KNOXVILLE, TN 379092442	27-3064209		9,000		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
THE SURVICE ENGINEERING COMPANY LLC 4695 MILLENNIUM DRIVE BELCAMP, MD 21017	20-8268821		635,539		N/A	N/A	SUB-AWARD
THE UNIVERSITY OF TEXAS ARLINGTON 701 S NEDDERMAN DR 19145 ARLINGTON, TX 760199800	75-6000121	115	68,633		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
THINKACTION INC 111 MARKET PL STE 3010 BALTIMORE, MD 212024035	82-2503953		609,500		N/A	N/A	SUB-AWARD
THINK-A-MOVE LTD 23307 COMMERCE PARK BEACHWOOD, OH 44122	34-1905083		80,356		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
THOMAS JEFFERSON UNIV 1020 WALNUT ST PHILADELPHIA, PA 19107	23-1352651	501(C)(3)	138,833		N/A	N/A	SUB-AWARD
TIER TECH INTERNATIONAL INC 1750 TYSONS BLVD MCLEAN, VA 22102	20-0426303		512,711		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
TOMAHAWK ROBOTICS 2412 IRWIN STREET MELBOURNE, FL 32901	82-3905852		431,721		N/A	N/A	SUB-AWARD
TOTAL HEALTH CARE INC 1501 DIVISION ST BALTIMORE, MD 21217	52-7267007		95,765		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
TOVA COMMUNITY HEALTH INC 4011 N MARKET ST WILMINGTON, DE 19802	35-2419176	501(C)(3)	37,151		N/A	N/A	SUB-AWARD
TOWSON UNIVERSITY 8000 YORK RD TOWSON, MD 21252	52-0939453	115	38,044		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
TOYON RESEARCH CORPORATION 6800 CORTONA DRIVE GOLETA, CA 931173021	95-3526665		39,769		N/A	N/A	SUB-AWARD
TRANSFORMCARE INC 25714 RIDGE ROAD DAMASCUS, MD 20872	82-1263209		353,643		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
TRIPOS ENTERPRISES LLC 102 GREEN SPRING DRIVE ANNAPOLIS, MD 21403	45-3099194		12,158		N/A	N/A	SUB-AWARD
TRUSTEES OF COLUMBIA UNIVERSITY PO BOX 29789 GENERAL POST OFFICE NEW YORK, NY 10087	13-5598093	501(C)(3)	823,236		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
TRUVEN HEALTH ANALYTICS INC 6200 S SYRACUSE WAY STE 300 GREENWOOD VILLAGE, CO 801114740	06-1467923		25,000		N/A	N/A	SUB-AWARD
TUFTS MEDICAL CENTER 800 WASHINGTON ST BOX 302 BOSTON, MA 02111	04-3400617	501(C)(3)	1,348,769		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
TUFTS UNIVERSITY 169 HOLLAND ST SUMERVILLE, MA 02144	04-2103634	501(C)(3)	104,658		N/A	N/A	SUB-AWARD
TULANE UNIVERSITY 800 E COMMERCE RD STE 203 HARAHAN, LA 70123	72-0423889	501(C)(3)	1,237,146		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
TURKPRIME (PRIME RESEARCH SOLUTIONS LLC) 7328 136TH ST FLUSHING, NY 11367	81-2184710		130,722		N/A	N/A	SUB-AWARD
TURTLE WOMAN FILM LLC 2812 N HOWARD ST BALTIMORE, MD 212184001	83-3956049		13,000		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
UAV SOLUTIONS INC 4055 WHEATLAND CT HAMPSTEAD, MD 21074	20-5486223		179,540		N/A	N/A	SUB-AWARD
ULTRA ELECTRONICS OCEAN SYSTEMS INC 115 BAY STATE DRIVE BRAINTREE, MA 02184	20-0168875		22,736		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
ULTRA ELECTRONICSFLIGHTLINE SYSTEMS 7625 OMNITECH PLACE VICTOR, NY 145649795	16-1363257		43,464		N/A	N/A	SUB-AWARD
UMDNJ NEW JERSEY MEDICAL 30 BERGEN ST NEWARK, NJ 07107	23-7313160	115	36,343		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
UNDERSEA SENSOR SYSTEMS INC PO BOX 405325 ATLANTA, GA 303845325	35-2062560		1,306,635		N/A	N/A	SUB-AWARD
UNITED STATES NAVAL ACADEMY 247 KING GEORGE ST ANNAPOLIS, MD 214021306	52-0548411	501(C)(3)	243,922		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
UNITED TECHNOLOGIES RESEARCH CENTER 411 SILVER LANE EAST HARTFORD, CT 06108	06-0570975		233,687		N/A	N/A	SUB-AWARD
UNIVERSIDAD CENTRAL DEL CARIBE PO BOX 60327 BAYAMON PUERTO RICO, PR 009606032	66-0349669	501(C)(3)	82,595		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)	89,916		N/A	N/A	SUB-AWARD
UNIVERSITY AT BUFFALO 402 CROFTS HALL BUFFALO, NY 14260	14-6013200	501(C)(3)	26,636		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 CORP FOR ATMOSPHERIC RESEARCH 3090 CENTER GREEN DRIVE BOULDER, CO 803012252	84-0412668	501(C)(3)	174,939		N/A	N/A	SUB-AWARD
UNIVERSITY OF ALABAMA PO BOX 870104 TUSCALOOSA, AL 345870104	63-6063964	115	2,207,268		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 ALASKA 903 KOYUKUK DR FAIRBANKS, AK 997757320	92-6000147	115	91,714		N/A	N/A	SUB-AWARD
UNIVERSITY OF ARIZONA PO BOX 3308 TUCSON, AZ 857223308	86-6050388	115	115,179		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	288,338		N/A	N/A	SUB-AWARD
UNIVERSITY OF ARKANSAS 4301 W MARKHAM ST SLOT 545 LITTLE ROCK, AR 72205	71-6003252	115	95,223		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 BALTIMORE - BALTIMORE PO BOX 2016 BALTIMORE, MD 212032016	23-7036780	501(C)(3)	105,330		N/A	N/A	SUB-AWARD
UNIVERSITY OF CALIFORNIA AT DAVIS 1850 RESEARCH PARK DR STE 3 PO BOX 989062 WEST SACRAMENTO, CA 95798	94-6036494	115	299,929		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	115	3,911,504		N/A	N/A	SUB-AWARD
UNIVERSITY OF CALIFORNIA IRVINE 115 ADMINISTRATION BLDG IRVINE, CA 926971875	95-2540117	115	769,021		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)	1,704,578		N/A	N/A	SUB-AWARD
UNIVERSITY OF CALIFORNIA RIVERSIDE 900 UNIVERSITY AVE RIVERSIDE, CA 92521	95-6006142	501(C)(3)	36,279		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 DIEGO 9500 GILMAN DR LA JOLLA, CA 920930934	95-6006144	115	2,029,989		N/A	N/A	SUB-AWARD
UNIVERSITY OF CALIFORNIA SAN FRANCISCO 3333 CALIFORNIA ST SAN FRANCISCO, CA 94118	68-0000845	115	3,458,793		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 BARB 3227 CHEADLE HALL SANTA BARBARA, CA 93106	96-1792262	115	172,852		N/A	N/A	SUB-AWARD
UNIVERSITY OF CALIFORNIA SANTA CRUZ 1156 HIGH STREET SANTA CRUZ, CA 95064	94-1539563	501(C)(3)	38,511		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 CENTRAL FLORIDA DIVISION OF FINANCE ACCOUNTING ORLANDO, FL 328263249	59-6001874	115	9,515		N/A	N/A	SUB-AWARD
UNIVERSITY OF CHICAGO 6030 S ELLIS AVE CHICAGO, IL 60637	36-2177139	501(C)(3)	689,129		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 CINCINNATI 260 STETSON ST STE 2200 CINCINNATI, OH 452670574	31-6000989	115	37,751		N/A	N/A	SUB-AWARD
UNIVERSITY OF CONNECTICUT 263 FARMINGTON AVE UNIT MC5335 FARMINGTON, CT 06030	23-7187838	115	245,529		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)	2,721,049		N/A	N/A	SUB-AWARD
UNIVERSITY OF FLORIDA ACCT 25065 GAINESVILLE, FL 32610	59-6002052	115	640,308		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 2530 DOLE ST OFFICE RESEARCH SERVICES HONOLULU, HI 96822	99-0085260	115	249,739		N/A	N/A	SUB-AWARD
UNIVERSITY OF HAWAII 2425 CAMPUS ROAD HONOLULU, HI 968164421	99-6000354	115	108,078		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 HOUSTON 316 E CULLEN HOUSTON, TX 972042015	23-7281200	501(C)(3)	146,876		N/A	N/A	SUB-AWARD
UNIVERSITY OF ILLINOIS 1901 S 1ST ST CHAMPAIGN, IL 618207406	37-6000511	115	435,481		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 100 LEVITT CENTER IOWA CITY, IA 52242	42-6004813	115	1,903,712		N/A	N/A	SUB-AWARD
UNIVERSITY OF KANSAS MEDICAL CTR 3901 RAINBOW BLVD KANSAS CITY, KS 66160	48-1108830	501(C)(3)	100,660		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 FDTN 114 KINKEAD HALL LEXINGTON, KY 405060057	61-6033693	501(C)(3)	12,244		N/A	N/A	SUB-AWARD
UNIVERSITY OF LOUISIANA AT LAFAYETTE 104 UNIV CIR STE 338 LAFAYETTE, LA 70403	72-6000820	115	210,667		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	58,332		N/A	N/A	SUB-AWARD
UNIVERSITY OF MARYLAND OFFICE RES AND DEV BALTIMORE, MD 21201	52-6002033	115	4,895,485		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 MASSACHUSETTS 333 SOUTH ST STE 450 SHREWSBURY, MA 010039304	04-3167352	115	668,848		N/A	N/A	SUB-AWARD
UNIVERSITY OF MIAMI 1638 NW 10TH AVE MIAMI, FL 33136	59-0624458	501(C)(3)	177,107		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 MICHIGAN 3003 S STATE ST ANN ARBOR, MI 48109	38-6006309	115	5,038,584		N/A	N/A	SUB-AWARD
UNIVERSITY OF MINNESOTA 200 OAK ST SE MINNEAPOLIS, MN 554552070	41-1843943	115	2,576,496		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 MINNESOTA 20 COFFEY HALL ST PAUL, MN 55108	41-6007513	115	2,657,458		N/A	N/A	SUB-AWARD
UNIVERSITY OF MISSISSIPPI PO BOX 1848 UNIVERSITY, MS 38677	31-1813143	501(C)(3)	1,314,867		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	78,603		N/A	N/A	SUB-AWARD
UNIVERSITY OF MONTANA 32 CAMPUS DR 3104 MISSOULA, MT 598124104	81-6001713	115	23,101		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 987835 NEBRASKA MEDICAL CTR OMAHA, NE 681985100	47-0049123	501(C)(3)	95,282		N/A	N/A	SUB-AWARD
UNIVERSITY OF NEW HAMPSHIRE 39 COLLEGE RD DURHAM, NH 038243585	02-6000937	115	2,398,482		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 1 UNIV OF NEW MEXICO ALBUQUERQUE, NM 871311001	85-6000642	115	77,965		N/A	N/A	SUB-AWARD
UNIVERSITY OF NORTH CAROLINA 400 W FRANKLIN ST CHAPEL HILL, NC 27599	56-6001393	115	2,341,881		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)	212,271		N/A	N/A	SUB-AWARD
UNIVERSITY OF OKLAHOMA 660 PARRINGTON OVA NORMAN, OK 73019	73-1377584	115	12,418		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 5219 UNIVERSITY OF OREGON EUGENE, OR 974035219	46-4727800	115	25,971		N/A	N/A	SUB-AWARD
UNIVERSITY OF PENNSYLVANIA 125 S 31ST ST STE 2000 PHILADELPHIA, PA 19104	23-1352685	501(C)(3)	1,631,224		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)	2,250,229		N/A	N/A	SUB-AWARD
UNIVERSITY OF PUERTO RICO 14 AVE UNIVERSIDAD STE 1401 SAN JUAN, PR 00936	66-0433762	115	11,683		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 HYLAND BLDG 518 ROCHESTER, NY 14627	16-0743209	501(C)(3)	394,891		N/A	N/A	SUB-AWARD
UNIVERSITY OF SOUTH CAROLINA 915 GREENE ST STE 241 2 COLUMBIA, MD 29208	56-6001153	115	529,105		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	314,459		N/A	N/A	SUB-AWARD
UNIVERSITY OF SOUTHERN CALIFORNIA 2250 ALCAZAR ST LOS ANGELES, CA 90033	95-1642394	501(C)(3)	854,481		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	165,140		N/A	N/A	SUB-AWARD
UNIVERSITY OF TEXAS AT AUSTIN PO BOX 7159 UT ACCOUNTING AUSTIN, TX 787137159	74-6000203	115	145,773		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 PO BOX 830688 RICHARDSON, TX 750830688	75-2801470	115	92,106		N/A	N/A	SUB-AWARD
UNIVERSITY OF TEXAS AT EL PASO 500 W UNIVERSITY AVE EL PASO, TX 79968	74-6000813	115	26,872		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	82,512		N/A	N/A	SUB-AWARD
UNIVERSITY OF TEXAS AT TYLER 3900 UNIVERSITY BLVD TYLER, TX 75799	75-1396988	115	138,367		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)	123,670		N/A	N/A	SUB-AWARD
UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER 7000 FANNIN ST HOUSTON, TX 77030	74-1761309	115	794,800		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 MD ANDERSON PO BOX 4461 HOUSTON, TX 772104461	74-6001118	501(C)(3)	512,404		N/A	N/A	SUB-AWARD
UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL 6363 FOREST PARK RD TOWER II DALLAS, TX 75390	75-6002868	115	476,697		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 TULSA 800 SOUTH TUCKER DRIVE TULSA, OK 741049700	73-0579298	501(C)(3)	64,066		N/A	N/A	SUB-AWARD
UNIVERSITY OF UTAH 175 NORTH MEDICAL DR 3RD FL SALT LAKE CITY, UT 84132	87-6000525	115	467,714		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 VERMONT 231 ROWELL BLDG BURLINGTON, VT 05405	03-0179440	115	1,440,577		N/A	N/A	SUB-AWARD
UNIVERSITY OF VIRGINIA 1001 N EMMET ST CHARLOTTSVILLE, VA 229034833	54-6001796	115	1,725,536		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 WASHINGTON 2815 EASTLAKE AVE E STE 200 SEATTLE, WA 98102	91-6001537	115	1,488,577		N/A	N/A	SUB-AWARD
UNIVERSITY OF WISCONSIN 21 N PARK ST STE 601 MADISON, WI 537151218	39-1805963	115	872,100		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
URBAN INST 2100 M ST NW - 5TH FLOOR WASHINGTON, DC 20037	52-0880375	501(C)(3)	151,510		N/A	N/A	SUB-AWARD
URBAN POLICY DEVELOPMENT LLC 2526 SAINT PAUL ST BALTIMORE, MD 212184982	20-5861830		187,655		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
US CIVILIAN RESEARCH AND DEV FOUND 1776 WILSON BLVD STE 300 ARLINGTON, VA 22209	54-1773406	501(C)(3)	16,673		N/A	N/A	SUB-AWARD
US GEOLOGICAL SURVEY PO BOX 25286 DENVER, CO 80225	53-0196958	501(C)(1)	45,441		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
UTAH STATE UNIV RESEARCH FOUNDATION 1695 NORTH RESEARCH PARK WAY NORTH LOGAN, UT 84341	87-0276385	501(C)(3)	101,223		N/A	N/A	SUB-AWARD
VALVETECH INC 1391 PHELPS JUNCTION ROAD PHELPS, NY 14532	16-1313126		100,000		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
VAN ANDEL INSTITUTE 333 BOSTWICK AVE NE GRAND RAPIDS, MI 49503	52-2000820	501(C)(3)	261,899		N/A	N/A	SUB-AWARD
VANDERBILT UNIVERSITY 3319 W END AVE NASHVILLE, TN 372036840	62-0476822	501(C)(3)	1,194,413		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
VANTAGE SYSTEMS INC 10210 GREENBELT ROAD LANHAM, MD 20706	52-1795685		951,914		N/A	N/A	SUB-AWARD
VAPORSENS INC 36 S WASATCH DR SMBB 5527 SALT LAKE CITY, UT 84112	45-3734634		524,385		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
VENTUS EXECUTIVE SOLUTIONS LLC 8116 ARLINGTON BLVD SUITE 145 FALLS CHURCH, VA 22042	27-2771768		1,103,056		N/A	N/A	SUB-AWARD
VERTEX AEROSPACE LLC 208 BELLE POINT DRIVE QUEENSTOWN, MD 216581103	27-3640566		98,091		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
VETERANS BIO-MEDICAL RESEARCH INSTITUTE INC 385 TREMONT AVE 15 BLDG 11 RM 117B EAST ORANGE, NJ 070181023	22-2995785	501(C)(3)	202,679		N/A	N/A	SUB-AWARD
VIAMO INC 1701 RHODE ISLAND AVE NW WASHINGTON, DC 200363040	84-3265232		120,659		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
VIRGINIA COMMONWEALTH UNIVERSITY 1015 FLOYD AVE RICHMOND, VA 23284	54-6001758	115	144,778		N/A	N/A	SUB-AWARD
VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY 300 TURNER ST NW SUITE 4200 BLACKSBURG, VA 240610001	54-6001805	115	624,099		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
VISITING NURSE SERVICE OF NEW YORK 107 E 70TH ST NEW YORK, NY 100214990	13-3189926	501(C)(3)	370,533		N/A	N/A	SUB-AWARD
VOXELERON LLC 2751 LOTUS ST PLEASANTON, CA 94588	27-3296128		27,693		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
VRICON SYSTEMS LLC 8280 GREENSBORO DRIVE MCLEAN, VA 221024905	46-4603684		34,950		N/A	N/A	SUB-AWARD
VULNERABILITY ANALYTICS INTERNATIONAL 3124 ST CHARLES PLACE ELLCOTT CITY, MD 21042	46-3549020		228,602		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
VULNERABILITY RESEARCH LABS LLC 10500 LITTLE PATUXENT PKWY 500 COLUMBIA, MD 21044	27-3519000		99,150		N/A	N/A	SUB-AWARD
WAKE FOREST UNIVERSITY HEALTH SCIENCES MEDICAL CENTER BLVD WINSTONSALEM, NC 27157	22-3849199	501(C)(3)	1,146,213		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
WASHINGTON STATE UNIV PO BOX 641039 PULLMAN, WA 991641039	91-1075542	115	137,774		N/A	N/A	SUB-AWARD
WASHINGTON STATE UNIVERSITY PO BOX 641025 PULLMAN, WA 991641025	91-6001108	501(C)(3)	13,481		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
WASHINGTON UNIVERSITY 700 ROSEDALE AVE CB 1034 ST LOUIS, MO 63112	43-0653611	501(C)(3)	1,103,702		N/A	N/A	SUB-AWARD
WAYNE STATE UNIVERSITY 5057 WOODWARD AVENUE DETROIT, MI 482024050	38-6028429	501(C)(3)	458,922		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
WEATHER GAGE TECHNOLOGIES LLC 2709 THYME DR EDGEWATER EDGEWATER, MD 21037	82-0648446		53,423		N/A	N/A	SUB-AWARD
WEST VIRGINIA COALITION AGAINST 5004 ELK RIVER RD SOUTH ELKVIEW, WV 25071	31-1011750		44,506		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
WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION MOUNTAINEER HUB PO BOX 6004 MORGANTOWN, WV 26506	55-0665758	501(C)(3)	298,470		N/A	N/A	SUB-AWARD
WESTAT CORP 1650 RESEARCH BLVD ROCKVILLE, MD 20850	84-0529566		7,058,177		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
WESTED 730 HARRISON STREET SAN FRANCISCO, CA 941071271	94-3233542		134,500		N/A	N/A	SUB-AWARD
WHEATON COLLEGE 501 COLLEGE AVE WHEATON, IL 60187	36-2182171	501(C)(3)	10,757		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
WHEATON COLLEGE 26 E MAIN STREET NORTON, MA 027662322	04-2103638	501(C)(3)	63,268		N/A	N/A	SUB-AWARD
WHITMAN WALKER CLINIC INC 1701 14TH ST WASHINGTON, DC 20009	52-1122122	501(C)(3)	1,424,393		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
WILLIAM J SIMONE INC 18815 NW 2ND STREET PEMBROKE PINES, FL 330293278	27-1682081	501(C)(3)	38,550		N/A	N/A	SUB-AWARD
WILLOWVIEW CONSULTING LLC 25850 KINGSBURY ROAD MIDDLETON, ID 836445349	26-2420069		371,152		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
WISTAR INSTITUTE 3601 SPRUCE ST PHILADELPHIA, PA 191044205	23-6434390	501(C)(3)	261,405		N/A	N/A	SUB-AWARD
YALE UNIVERSITY 2 WHITNEY AVE 6TH FL NEW HAVEN, CT 06510	06-0646973	501(C)(3)	642,316		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
YOMDLE INC 25 PONY LN ROLLING HILLS ESTATES, CA 902744132	81-2540115		18,530		N/A	N/A	SUB-AWARD
ZEDSOFT LLC 300 W LOMBARD STREET BALTIMORE, MD 20201	81-2473951		175,462		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
ZIVKO AERONAUTICS INC 502 AIRPORT ROAD GUTHRIE, OK 73044	73-1310194		902,215		N/A	N/A	SUB-AWARD
AMERICAN DIABETES ASSOCIATION 2002 CLIPPER PK RD STE 110 BALTIMORE, MD 21211	13-1623888	501(C)(3)	7,500		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
AMERICAN HEART ASSOCIATION 217 E REDWOOD ST STE 2300 BALTIMORE, MD 21202	52-0607918	501(C)(3)	25,000		N/A	N/A	CONTRIBUTION
ASSOCIATED BLACK CHARITIES 1114 CATHEDRAL ST BALTIMORE, MD 21201	52-1427774	501(C)(3)	23,000		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
BALTIMORE CITY FOUNDATION INC 7 E REDWOOD ST 9TH FLR BALTIMORE, MD 21202	52-1212473	501(C)(3)	6,500		N/A	N/A	CONTRIBUTION
BALTIMORE CITY PUBLIC SCHOOLS 200 E NORTH AVE BALTIMORE, MD 21202	52-2064235	115	30,000		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
BALTIMORE GAS AND ELECTRIC 1068 N FRONT ST RM 501 BALTIMORE, MD 21202	52-0280210	501(C)(3)	14,387		N/A	N/A	CONTRIBUTION
BALTIMORE SYMPHONY ORCHESTRA INC 1212 CATHEDRAL ST BALTIMORE, MD 212015545	52-0629696	501(C)(3)	6,000		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
BASKETBALL ACADEMY INC 3603 1/2 PATTERSON AVE BALTIMORE, MD 21207	20-3361913	501(C)(3)	10,000		N/A	N/A	CONTRIBUTION
BETAMORE 101 W DICKMAN ST STE 1000 BALTIMORE, MD 212305032	52-2156026	501(C)(3)	10,000		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
BOY SCOUTS OF AMERICA 701 WYMNAN PARK DR BALTIMORE, MD 21211	52-0591512	501(C)(3)	5,750		N/A	N/A	CONTRIBUTION
BUILDING CONGRESS AND EXCHANGE OF BALTIMORE INC 6030 MARSHALEE DR STE 208 ELKRIDGE, MD 210755987	52-0258830	501(C)(3)	13,225		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
CHARLES VILLAGE COMMUNITY BENEFITS 2434 ST PAUL STREET BALTIMORE, MD 21218	52-1924284	115	68,340		N/A	N/A	CONTRIBUTION
CHILDRENS CANCER FOUNDATION INC 5570 STERRETT PL STE 204 COLUMBIA, MD 21044	52-1319756	501(C)(3)	12,500		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
CIVIC WORKS INC 2701 SAINT LO DR BALTIMORE, MD 212131100	52-1925614	501(C)(3)	10,000		N/A	N/A	CONTRIBUTION
COLLEGEBOUND FOUNDATION 300 WATER ST BALTIMORE, MD 21202	52-1598921	501(C)(3)	37,500		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
CONGRESSIONAL BLACK CAUCUS FOUNDATION INC 1720 MASSACHUSETTS AVE NW WASHINGTON, DC 20036	52-1160561	501(C)(3)	10,000		N/A	N/A	CONTRIBUTION
EAST BALTIMORE COMMUNITY SCHOOL 2800 N CHARLES STREET BALTIMORE, MD 21218	26-4739632	501(C)(3)	764,164		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
EAST BALTIMORE DEVEOPMENT CORPORATION 1731 EAST CHASE STREET BALTIMORE, MD 21213	27-0037508	501(C)(3)	485,197		N/A	N/A	CONTRIBUTION
ELIJAH CUMMINGS YOUTH PROGRAM IN ISRAEL 5750 PARK HEIGHTS AVE BALTIMORE, MD 21215	52-2136761	501(C)(3)	13,000		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
FAMILY TREE INC 2108 N CHARLES STREET BALTIMORE, MD 21218	52-1110645	501(C)(3)	10,000		N/A	N/A	CONTRIBUTION
FINN GROUP LLC 1900 PARK AVE BALTIMORE, MD 21217	45-4696710		7,500		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
FREESTATE LEGAL PROJECT INC 2526 SAINT PAUL ST BALTIMORE, MD 212184982	26-2174290	501(C)(3)	10,000		N/A	N/A	CONTRIBUTION
FRIENDS OF THE NATIONAL INSTITUTE OF NURSING 47595 WATKINS ISLAND SQ STERLING, VA 20165	52-8132014	501(C)(3)	10,500		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
FUSION PARTNERSHIPS INC 1601 GUILFORD AVE BALTIMORE, MD 212022877	52-2148413	501(C)(3)	5,160		N/A	N/A	CONTRIBUTION
GAITHERSBURG GERMANTOWN CHAMBER 910 CLOPPER RD STE 205N GAITHERSBURG, MD 20878	52-1077028	501(C)(6)	6,000		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)	10,000		N/A	N/A	CONTRIBUTION
JDRF GREATER CHESAPEAKE AND POTOMAC 891 ELKRIDGE LANDING RD STE 150 LINTHICUM, MD 21090	23-1907729	501(C)(3)	7,500		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		N/A	N/A	CONTRIBUTION
MARIAN HOUSE INC 949 GORSUCH AVE BALTIMORE, MD 21218	52-1243849	501(C)(3)	6,000		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 CHAMBER OF COMMERCE 60 WEST STREET ANNAPOLIS, MD 214012479	52-1784310	501(C)(6)	10,000		N/A	N/A	CONTRIBUTION
MARYLAND TECHNOLOGY DEVELOPMENT 7021 COLUMBIA GATEWAY DR STE 200 COLUMBIA, MD 21046	52-2177960	115	202,000		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
MD HISPANIC BUSINESS CONFERENCE PO BOX 543 GAITHERSBURG, MD 208840543	04-3590287	501(C)(3)	7,500		N/A	N/A	CONTRIBUTION
MD WASHINGTON MINORITY CONTRACTORS PO BOX 29602 BALTIMORE, MD 21216	11-3692711		15,600		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
MEDICAL EDUCATION RESOURCES INITIATIVE 31 N HAVEN ST STE 4 BALTIMORE, MD 212241618	47-1139530	501(C)(3)	10,000		N/A	N/A	CONTRIBUTION
MONTGOMERY COUNTY CHAMBER 51 MONROE ST STE 1800 ROCKVILLE, MD 20850	52-0735621	501(C)(3)	27,500		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 ASSOCIATION FOR GIFTED CHILDREN PO BOX 600 WHITE MARSH, MD 21162	31-0686464	501(C)(3)	9,250		N/A	N/A	CONTRIBUTION
NATIONAL KIDNEY FOUNDATION 1301 YORK RD STE 209 LUTHERVILLE, MD 21093	52-6069952	501(C)(3)	6,000		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 URBAN LEAGUE INC 80 PINE ST NEW YORK, NY 100051702	13-1840489	501(C)(3)	10,000		N/A	N/A	CONTRIBUTION
ORTHOPAEDIC RESEARCH AND 9400 W HIGGINS RD STE 215 ROSEMONT, IL 60018	36-6009467	501(C)(3)	6,500		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
PRT REACH FOUNDATION 5850 WATERLOO RD STE 140 COLUMBIA, MD 210451944	27-4657414	501(C)(3)	15,000		N/A	N/A	CONTRIBUTION
RADIOLOGICAL SOCIETY OF NORTH AMERICA INC 820 JORIE BLVD OAK BROOK, IL 60523	15-0539115	501(C)(3)	10,000		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
REGINALD F LEWIS MUSEUM MD AFRICAN 830 E PRATT ST BALTIMORE, MD 212024403	52-2107879	501(C)(3)	15,000		N/A	N/A	CONTRIBUTION
SIGMA THETA TAU INTERNATIONAL 550 W NORTH ST INDIANAPOLIS, IN 46202	41-6022987	501(C)(3)	6,475		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
SOUTHEAST COMMUNITY DEVELOPMENT 3323 EASTERN AVE STE 200 BALTIMORE, MD 212244109	52-1034466	501(C)(3)	107,873		N/A	N/A	CONTRIBUTION
STRONG CITY BALTIMORE INC 2101 E BIDDLE ST STE 1100 BALTIMORE, MD 212133314	52-0897806	501(C)(3)	250,355		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
SUNRISE DAY CAMP ASSOCIATION 8 MARKET PL STE 331 BALTIMORE, MD 212024922	46-5555854	501(C)(3)	10,000		N/A	N/A	CONTRIBUTION
SUSAN G KOMEN BREAST CANCER FOUNDATION 303 INTERNATIONAL CIR STE 390 HUNT VALLEY, MD 210301409	52-2053491	501(C)(3)	7,500		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 INC 25 E 20TH ST BALTIMORE, MD 212186033	26-2842736	501(C)(3)	26,025		N/A	N/A	CONTRIBUTION
THE PRODUCERS CLUB OF MARYLAND 107 E READ STREET BALTIMORE, MD 21202	52-1828837	501(C)(3)	62,500		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
VIRGINIA FOUNDATION FOR THE HUMANITIES AND PUBLIC POLICY 145 EDNAM DR CHARLOTTESVILLE, VA 229034629	54-1435523	501(C)(3)	25,000		N/A	N/A	CONTRIBUTION
WATERFRONT PARTNERSHIP OF BALTIMORE 650 S EXETER ST STE 200 BALTIMORE, MD 212024672	20-3682821	501(C)(3)	10,000		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
YMCA OF CENTRAL MARYLAND INC 303 W CHESAPEAKE AVE BALTIMORE, MD 21204	52-0591699	501(C)(3)	51,533		N/A	N/A	CONTRIBUTION
ALTA LANGUAGE SERVICES 3355 LENOX RD NE ATLANTA, GA 303261394	58-2304091		5,460		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
KEPPLER ASSOCIATES INC 3030 CLARENDON BLVD 7TH FL ARLINGTON, VA 22201	52-1281937		15,000		N/A	N/A	HONORARIUM
OLDER WOMEN EMBRACING LIFE 2200 N MONROE ST BALTIMORE, MD 21217	27-0456843	501(C)(3)	15,000		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
ORATION SERVICES INC 1530 SE 30TH AVE PORTLAND, OR 972144929	46-5619463		17,500		N/A	N/A	HONORARIUM
PENGUIN RANDOM HOUSE LLC PO BOX 223384 PITTSBURGH, PA 152512384	46-2905685		12,500		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
SBDNY INC 1006 PONDSIDE DR WHITE PLAINS, NY 106071361	20-5412438	501(C)(3)	5,650		N/A	N/A	HONORARIUM
SMITHSONIAN INSTITUTION PO BOX 37012 WASHINGTON, DC 200137012	53-0206027	501(C)(3)	12,000		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 JUPITER STRING QUARTET 711 W DELAWARE AVE URBANA, IL 618014806	26-0882203		8,000		N/A	N/A	HONORARIUM
UDARTA CONSULTING LLC 1515 NOYES DR SILVER SPRING, MD 209102223	83-1252612		6,251		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
UNITED TALENT AGENCY LLC 437 5TH AVE FL 7 NEW YORK, NY 100162205	95-4312582		20,000		N/A	N/A	HONORARIUM

Schedule J (Form 990)	Compensation Information For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees ▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23. ▶ Attach to Form 990. ▶ Go to <u>www.irs.gov/Form990</u> for instructions and the latest information.		OMB No 1545-0047
			2018
			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				Yes	No
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"/> Travel for companions <input checked="" type="checkbox"/> Tax indemnification and gross-up payments <input type="checkbox"/> Discretionary spending account	<input checked="" type="checkbox"/> Housing allowance or residence for personal use <input type="checkbox"/> Payments for business use of personal residence <input checked="" type="checkbox"/> Health or social club dues or initiation fees <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		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"/> Independent compensation consultant <input checked="" type="checkbox"/> Form 990 of other organizations	<input checked="" type="checkbox"/> Written employment contract <input checked="" type="checkbox"/> Compensation survey or study <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		No
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? If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III			4c		No
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? If "Yes," on line 5a or 5b, describe in Part III			5b		No
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? If "Yes," on line 6a or 6b, describe in Part III			6b		No
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) 2018

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 TWO OFFICERS 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, ONE OFFICER TRAVELED WITH HIS 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. 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, PROVIDES THE PRESIDENT WITH A DRIVER TO ACCOMMODATE HIS FREQUENT TRAVEL, AND AN ADMINISTRATIVE TEAM TO SUPPORT HIS OFFICE. THE PERSONAL AND BUSINESS TIME FOR EACH OF THESE SERVICES ARE LOGGED AND ANY PERSONAL USE IS TREATED AS TAXABLE COMPENSATION TO THE PRESIDENT.

Return Reference	Explanation
PART I, LINE 1B	<p>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 SERVICES, 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</p>

Return Reference	Explanation
PART I, LINE 4B	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 ----- - ----- ATEs, KATHERINE \$ 76,118 BREM, HENRY \$ 414,416 ENNIS, DANIEL \$ 219,080 GRADY, HELENE \$ 14,116 LEE, W P ANDREW \$ 262,138 LEWIS, THOMAS \$ 17,410 STARK, WALTER J \$2,350,682 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 \$ 138,878 BREM, HENRY \$ 103,867 CONWAY, HEIDI \$ 11,566 DANIELS, RONALD \$ 1,027,898 ENNIS, DANIEL \$ 291,949 GRADY, HELENE \$ 5,139 HIGGINS, ROBERT \$ 74,182 HYATT, MELISSA \$ 4,390 KLAG, MICHAEL \$ 41,780 KUMAR, SUNIL \$ 187,147 LEE, W P ANDREW \$ 62,615 LEWIS, THOMAS \$ 5,118 LIEBERMAN, ROBERT \$ 10,440 LIM, MICHAEL \$ 3,425 MARSH, MAUREEN \$ 58,194 MCLEAN, ROBERT \$ 8,996 PERLIONI, JASON \$ 57,000 PINEAU, ARTHUR \$ 113,611 REEL, STEPHANIE \$ 46,521 RIDGE, SUSAN \$ 7,803 ROTHMAN, PAUL \$ 568,326 SCHROEDER, III, FREDERIC \$ 228,100 SEMMEL, RALPH \$ 509,850 SPONSELLER, PAUL \$ 14,462

Return Reference	Explanation
PART I, LINES 5A, 6A AND 7	<p>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 4% 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 COMPENSATION COMMITTEE APPROVED A ONE-TIME PROJECT COMPLETION BONUS FOR THE VICE PRESIDENT FOR DEVELOPMENT & ALUMNI RELATIONS THIS WAS IN RECOGNITION OF A SUCCESSFUL MULTI-YEAR FUNDRAISING CAMPAIGN THAT CONCLUDED IN OCTOBER 2018 IN ADDITION, THE VICE PRESIDENT OF INVESTMENTS AND CHIEF INVESTMENT OFFICER IS ELIGIBLE FOR PERFORMANCE SUPPLEMENTS THESE SUPPLEMENTS ARE INCENTIVE OPPORTUNITIES DETERMINED USING BOTH QUALITATIVE AND QUANTITATIVE PERFORMANCE COMPONENTS THESE SUPPLEMENTS ARE RECOMMENDED BY THE BOARD OF TRUSTEES INVESTMENT COMMITTEE AND APPROVED BY THE BOARD OF TRUSTEES COMPENSATION COMMITTEE THE COMPENSATION COMMITTEE APPROVED PAYMENT OF PERFORMANCE SUPPLEMENTS TO THE VICE PRESIDENT OF INVESTMENTS AND CHIEF INVESTMENT OFFICER IN DECEMBER 2018 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</p>

Return Reference	Explanation
PART I, LINE 8	THERE WAS AN OFFICER WITH RESPECT TO WHOM AMOUNTS WERE REPORTED IN PART VII WHERE THOSE AMOUNTS WERE PAID PURSUANT TO A CONTRACT THAT WAS SUBJECT TO THE INTITIAL CONTRACT EXCEPTION DESCRIBED IN REG SECTION 53 4958-4(A)(3) THE COMPENSATION WAS ALSO APPROVED PURSUANT TO PROCESSES CONSISTENT WITH THE REBUTTABLE PRESUMPTION PROCEDURE DESCRIBED IN REG SECTION 53 4958-6(C)



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				
DANIELS RONALD J PRESIDENT, TRUSTEE	(i)	1,343,166	0	362,690	1,060,898	82,035	2,848,789	0
	(ii)	0	0	0	0	0	0	0
ATES KATHERINE VP & CHIEF OF STAFF	(i)	453,196	92,000	77,937	171,878	31,790	826,801	76,118
	(ii)	0	0	0	0	0	0	0
CONWAY HEIDI VP-HUMAN RESOURCES	(i)	355,807	29,417	3,964	44,566	27,814	461,568	0
	(ii)	0	0	0	0	0	0	0
ENNIS DANIEL G SR VP-FINANCE & ADMINISTRATION	(i)	770,228	154,000	222,590	324,949	29,371	1,501,138	219,080
	(ii)	0	0	0	0	0	0	0
GRADY HELENE VP-PLANNING & BUDGET	(i)	306,207	46,855	14,116	38,139	23,851	429,168	14,116
	(ii)	0	0	0	0	0	0	0
HYATT MELISSA VP-CORPORATE SECURITY	(i)	239,149	12,188	364	26,390	1,082	279,173	0
	(ii)	0	0	0	0	0	0	0
KUMAR SUNIL SR VP-ACADEMIC AFFAIRS & PROVOST	(i)	732,051	66,000	2,936	220,147	21,545	1,042,679	0
	(ii)	0	0	0	0	0	0	0
LEWIS THOMAS VP-GOVERNMENT & COMMUNITY AFFAIRS	(i)	310,518	7,500	21,291	38,118	7,952	385,379	17,410
	(ii)	0	0	0	0	0	0	0
MARSH MAUREEN SECRETARY OF THE BOARD OF TRUSTEES	(i)	349,220	50,000	500	91,194	1,718	492,632	0
	(ii)	0	0	0	0	0	0	0
MCLEAN ROBERT VP FOR FACILITIES & REAL ESTATE	(i)	345,379	33,813	6,597	41,996	5,031	432,816	0
	(ii)	0	0	0	0	0	0	0
PERLIONI JASON VP-INVESTMENTS & CIO	(i)	738,290	1,250,000	0	90,000	23,759	2,102,049	0
	(ii)	0	0	0	0	0	0	0
PINEAU ARTHUR VP AND GENERAL COUNSEL	(i)	547,842	81,000	1,931	146,611	2,324	779,708	0
	(ii)	0	0	0	0	0	0	0
RIDGE SUSAN VP-COMMUNICATIONS & PUBLIC AFFAIRS	(i)	332,547	17,000	75,000	40,803	18,514	483,864	0
	(ii)	0	0	0	0	0	0	0
ROTHMAN PAUL CEO & DEAN OF MEDICAL FACULTY	(i)	1,508,231	577,614	24,650	601,326	37,471	2,749,292	0
	(ii)	0	0	0	0	0	0	0
SCHROEDER FREDERIC VP-DEVELOPMENT & ALUMNI RELATIONS	(i)	701,871	355,000	4,813	261,100	54,341	1,377,125	0
	(ii)	0	0	0	0	0	0	0
SEMMELE RALPH DIRECTOR-APL	(i)	925,137	167,000	74,828	538,725	2,547	1,708,237	0
	(ii)	0	0	0	0	0	0	0
REEL STEPHANIE VICE PROVOST FOR INFO TECHNOLOGY	(i)	661,101	193,421	2,124	79,521	2,015	938,182	0
	(ii)	0	0	0	0	0	0	0
BREM HENRY PROFESSOR (SEE SCHED O)	(i)	1,130,114	352,100	426,038	136,867	21,453	2,066,572	414,416
	(ii)	0	0	0	0	0	0	0
HIGGINS ROBERT PROFESSOR (SEE SCHED O)	(i)	878,893	232,000	10,821	107,182	47,420	1,276,316	0
	(ii)	0	0	0	0	0	0	0
LEE W P ANDREW PROFESSOR (SEE SCHED O)	(i)	783,823	229,100	277,474	95,615	24,003	1,410,015	262,138
	(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				
LIM MICHAEL PROFESSOR (SEE SCHED O)	(i)	295,879	1,137,605	731	36,425	13,924	1,484,564	0
	(ii)	0	0	0	0	0	0	0
SPONSELLER PAUL PROFESSOR (SEE SCHED O)	(i)	382,694	1,104,517	0	47,462	24,636	1,559,309	0
	(ii)	0	0	0	0	0	0	0
KLAG MICHAEL FORMER DEAN - SCHOOL OF PUBLIC HEALT	(i)	610,767	0	330	74,780	24,636	710,513	0
	(ii)	0	0	0	0	0	0	0
LIEBERMAN ROBERT FORMER SR VP-ACADEMIC AFFAIRS & PROV	(i)	354,304	0	29,662	43,440	41,901	469,307	0
	(ii)	0	0	0	0	0	0	0
SPECTOR PHILLIP FORMER VP-STRATEGIC INITIATIVES	(i)	0	0	195,363	0	0	195,363	0
	(ii)	0	0	0	0	0	0	0
STARK WALTER J FORMER PROFESSOR	(i)	0	0	2,350,682	0	0	2,350,682	2,350,682
	(ii)	0	0	0	0	0	0	0

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

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 VI, line 24a. Provide descriptions, explanations, and any additional information in Part VI.
► Attach to Form 990.
► Go to www.irs.gov/Form990 for the latest information.

OMB No 1545-0047

2018

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?								

Schedule K (Form 990) 2018Page 3

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											
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?				A		B		C		D	
				Yes	No	Yes	No	Yes	No	Yes	No
				X		X		X		X	

Part VI Supplemental Information. Provide additional information for responses to questions on Schedule K (see instructions).	
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</p> <p>IT PROJECT RELATED ISSUE RETIRED JULY 2012</p> <p>EQUIPMENT RELATED ISSUE RETIRED JULY 2013</p> <p>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</p> <p>IT PROJECT RELATED ISSUE RETIRED JULY 2012</p> <p>EQUIPMENT RELATED ISSUE RETIRED JULY 2013</p> <p>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</p> <p>IT PROJECT RELATED ISSUE RETIRED JULY 2013</p> <p>EQUIPMENT RELATED ISSUE RETIRED JANUARY 2014</p> <p>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</p> <p>IT PROJECT RELATED ISSUE RETIRED JULY 2014</p> <p>EQUIPMENT RELATED ISSUE RETIRED JANUARY 2014</p> <p>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</p> <p>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</p> <p>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</p> <p>IT PROJECT RELATED ISSUE RETIRED JULY 2011</p> <p>EQUIPMENT RELATED ISSUE RETIRED JULY 2012</p> <p>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</p> <p>RENOVATION RELATED ISSUE RETIRED FEBRUARY 2014</p> <p>IT PROJECTS RELATED ISSUE RETIRED MAY 2015</p> <p>EQU</p>

Return Reference	Explanation
SCHEDULE K, PART I, COLUMN (F), DESCRIPTION OF PURPOSE	IPMENT RELATED ISSUE RETIRED MAY 2016 ISSUER MHHEFA, CUSIP 57421NWE6, DATE 5/14/2009 C OMMERCIAL PAPER SERIES B - TRANCHE 8 - TO FUND MINOR RENOVATION PROJECTS, LIBRARY ACQUISIT IONS, INFORMATION TECHNOLOGY PROJECTS (E G INFORMATION SYSTEMS, COMPUTER SOFTWARE, INFRAS TRUCTURE) AND EQUIPMENT EQUIPMENT RELATED ISSUE RETIRED FEBRUARY 2014 IT PROJECT RELATED ISSUE RETIRED MAY 2016 ISSUER MHHEFA, CUSIP 574218JW4, DATE 6/14/2012 2012A - TO REFI NANCE A PORTION OF THE 2001B BONDS AND THE 2002A BONDS (ISSUE DATES 8/30/01 & 2/13/02 RESP ECTIVELY) ISSUER MHHEFA, CUSIP 574218PS6, DATE 6/20/13 2013B TO REFINANCE THE 2001B AN D 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>

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

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 VI, line 24a. Provide descriptions, explanations, and any additional information in Part VI.
► Attach to Form 990.
► Go to www.irs.gov/Form990 for the latest information.

OMB No 1545-0047

2018

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).

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

Schedule K
(Form 990)

Supplemental Information on Tax-Exempt Bonds

► Complete if the organization answered "Yes" to Form 990, Part VI, line 24a. Provide descriptions, explanations, and any additional information in Part VI.

► Attach to Form 990.

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

OMB No 1545-0047

2018

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			

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)

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

OMB No 1545-0047

2018

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

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	750,000		No	Yes		Yes	
Total						\$ 750,000						

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
------------------	-------------

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
DAVID C HODGSON	TRUSTEE	2,200,000	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
CHRISTOPHER ABULARRAGE	FAMILY MEMBER OF OFFICER	449,106	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
NATALIE HENDLER	FAMILY MEMBER OF FORMER TRUSTEE	165,796	NATALIE HENDLER IS EMPLOYED BY THE UNIVERSITY AS A SENIOR PROGRAM OFFICER FOR JHPIEGO		No
SUMATI MURLI	FAMILY MEMBER OF OFFICER	172,645	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
LAUREN OSBORNE	FAMILY MEMBER OF FORMER OFFICER	199,466	LAUREN OSBORNE IS EMPLOYED BY THE UNIVERSITY AS AN ASSISTANT PROFESSOR OF PSYCHIATRY & BEHAVIORAL SCIENCES AT THE SCHOOL OF MEDICINE		No
JOANNE ROSEN	FAMILY MEMBER OF TRUSTEE/OFFICER	162,687	JOANNE D ROSEN IS EMPLOYED BY THE UNIVERSITY AS A SENIOR 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
A COMPANY THAT IS MAJORITY-OWNED BY A SUBSTANTIAL CONTRIBUTOR	ENTITY MORE THAN 35% OWNED BY A SUBSTANTIAL CONTRIBUTOR	300,735	ORDINARY COURSE AND OTHER SOFTWARE SUBSCRIPTIONS		No
CENTERBRIDGE PARTNERS LP & AFFILIATED ENTITIES	GREATER THAN 35% OWNER IS TRUSTEE	3,666,204	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
CORDISH POWER PLANT NUMBER TWO LLC	GREATER THAN 35% OWNER IS TRUSTEE	563,563	THE UNIVERSITY RENTS PROPERTY FROM THE LLC		No

SCHEDULE M
(Form 990)

Noncash Contributions

▶Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.
▶ Attach to Form 990.
▶Go to www.irs.gov/Form990 for the latest information.

OMB No 1545-0047

2018

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

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	10		
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	518	118,831,819	AVG OF HIGH/LOW @ TRANS
10 Securities—Closely held stock .	X	2	16,293,063	PROCEEDS RECEIVED
11 Securities—Partnership, LLC, or trust interests	X	6	1,471,745,078	PROCEEDS RECEIVED
12 Securities—Miscellaneous . .	X	1	263,532	PROCEEDS RECEIVED
13 Qualified conservation contribution—Historic structures				
14 Qualified conservation contribution—Other				
15 Real estate—Residential . .	X	2	900,000	APPRAISED VALUE
16 Real estate—Commercial . .				
17 Real estate—Other				
18 Collectibles				
19 Food inventory	X	3		
20 Drugs and medical supplies .				
21 Taxidermy				
22 Historical artifacts	X	11		
23 Scientific specimens				
24 Archeological artifacts . . .				
25 Other ▶ (MUSICAL INSTRUMENTS)	X	6	0	
26 Other ▶ (OTHER EQUIP)	X	15	0	
27 Other ▶ (OTHER)	X	25	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

11

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?

Yes

No

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?

Yes

No

31

32a

Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions?

Yes

No

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

Yes

No

33

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 UTILIZED BROKERAGE FIRMS TO LIQUIDATE OUTRIGHT GIFTS OF SECURITIES, REALTORS TO LIQUIDATE REAL ESTATE, APPRAISERS FOR GIFTS-IN-KIND AND REAL ESTATE AS NECESSARY, AND OUTSIDE FIRMS THAT MANAGE ASSETS AND MAKE PAYMENTS AND TAX REPORTS 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

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.

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

OMB No 1545-0047

2018**Open to Public
Inspection****Employer identification number**

52-0595110

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 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 JAMES WINTER AND DAVID NOLAN 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 REVISIONS TO THE COMPOSITION OF THE EXTERNAL AFFAIRS AND COMMUNITY ENGAGEMENT COMMITTEE AND THE DELEGATION OF SIGNATURE AUTHORITY THE FIRST AMENDMENT ALLOWS A TRUSTEE OF ANY ENTITY CONTROLLED OR OWNED BY JOHNS HOPKINS OR THE JOHNS HOPKINS HEALTH SYSTEM TO BECOME A MEMBER OF THE EXTERNAL AFFAIRS AND COMMUNITY ENGAGEMENT COMMITTEE THE SECOND AMENDMENT ENSURES DELEGATION OF SIGNATURE AUTHORITY MAY BE MADE ONLY IN ACCORDANCE WITH THE UNIVERSITY SIGNATURE AUTHORITY POLICY

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	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 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

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 ENDOWED CHAIR OF ORTHOPAEDIC 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 W P ANDREW LEE MILTON T EDGERTON PROFESSOR OF PLASTIC AND RECONSTRUCTIVE SURGERY DIRECTOR OF THE DEPARTMENT OF PLASTIC AND RECONSTRUCTIVE SURGERY PROFESSOR OF PLASTIC AND RECONSTRUCTIVE SURGERY PROFESSOR OF ORTHOPAEDIC SURGERY PLASTIC SURGEON-IN-CHIEF IN THE JOHNS HOPKINS HOSPITAL ROBERT HIGGINS SURGEON-IN-CHIEF OF THE JOHNS HOPKINS MEDICINE DIRECTOR - DEPARTMENT OF SURGERY, JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE WILIAM STEWART HALSTEAD PROFESSOR OF SURGERY

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART XI, LINE 9	NET UNREALIZED GAINS FROM SWAPS - MARK TO MARKET -7,832,000 CHANGE IN BENEFIT PLAN FUNDED STATUS -88,659,000 REMOVAL OF JHPIEGO NET ASSETS -88,306,000

efile GRAPHIC print - DO NOT PROCESS		As Filed Data -		DLN: 93493135040010	
SCHEDULE R (Form 990) Department of the Treasury Internal Revenue Service		Related Organizations and Unrelated Partnerships ▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37. ▶ Attach to Form 990. ▶ Go to www.irs.gov/Form990 for instructions and the latest information.			OMB No 1545-0047
					2018
					Open to Public Inspection
Name of the organization JOHNS HOPKINS UNIVERSITY				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 (96 TRUSTS) C/O 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	INVESTMENTS	MD	N/A	T		38,055,760			No
(2) JOHNS HOPKINS INDIA PRIVATE LIMITED C/O 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	RESEARCH & PROJECT MANAGEMENT	IN	JOHNS HOPKINS GLOBAL II LLC	C			99.990 %	Yes	

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

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

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

a Receipt of **(i)** interest, **(ii)** annuities, **(iii)** royalties, or **(iv)** rent from a controlled entity

b Gift, grant, or capital contribution to related organization(s)

c Gift, grant, or capital contribution from related organization(s)

d Loans or loan guarantees to or for related organization(s)

e Loans or loan guarantees by related organization(s)

f Dividends from related organization(s)

g Sale of assets to related organization(s)

h Purchase of assets from related organization(s)

i Exchange of assets with related organization(s)

j Lease of facilities, equipment, or other assets to related organization(s)

k Lease of facilities, equipment, or other assets from related organization(s)

l Performance of services or membership or fundraising solicitations for related organization(s)

m Performance of services or membership or fundraising solicitations by related organization(s)

n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)

o Sharing of paid employees with related organization(s)

p Reimbursement paid to related organization(s) for expenses

q Reimbursement paid by related organization(s) for expenses

r Other transfer of cash or property to related organization(s)

s Other transfer of cash or property from related organization(s)

Yes

No

1a

No

1b

Yes

1c

Yes

1d

Yes

1e

No

1f

No

1g

No

1h

No

1i

No

1j

No

1k

Yes

1l

No

1m

Yes

1n

Yes

1o

Yes

1p

No

1q

Yes

1r

Yes

1s

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

See Additional Data Table

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

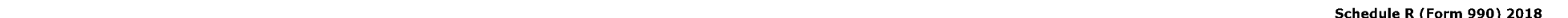
Provide the following information for each entity taxed as a partnership through which the organization conducted more than five percent of its activities (measured by total assets or gross revenue) that was not a related organization. See instructions regarding exclusion for certain investment partnerships.

[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
(1) 11101 JOHNS HOPKINS ROAD TRUST 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595111	HOLDS TITLE TO REAL ESTATE	MD	0	58,126,044	APPLIED PHYSICS LABORATORY LLC
(1) 2733 NORTH CHARLES LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	HOLDS TITLE TO REAL ESTATE	MD	44,838	595,000	JOHNS HOPKINS UNIVERSITY
(2) APPLIED PHYSICS LABORATORY LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595111	RESEARCH	MD	1,689,462,622	1,025,199,514	JOHNS HOPKINS UNIVERSITY
(3) CHARLES & BLACKSTONE APARTMENTS LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1990969	HOLDS TITLE TO REAL ESTATE	MD	2,245,887	39,547,582	JOHNS HOPKINS UNIVERSITY
(4) FREDERICK NEONATAL SERVICES LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	CLINICAL SERVICES	MD	1,924,962	130,340	JOHNS HOPKINS UNIVERSITY
(5) JHHC PARTICIPATING PHYSICIANS SERIES 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	MEDICAL SERVICES	MD	0	0	JOHNS HOPKINS HEALTHCARE LLC
(6) JH IMAGING LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	MEDICAL SERVICES	MD	0	0	JOHNS HOPKINS HEALTHCARE LLC
(7) JHU CLINICAL BILLING LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	BILLING SERVICES	MD	61,500	0	JOHNS HOPKINS UNIVERSITY
(8) JHU-CHARLES COMMONS LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	HOLDS TITLE TO REAL ESTATE	MD	60,000	88,417,601	JOHNS HOPKINS UNIVERSITY
(9) 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
(10) 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
(11) JOHNS HOPKINS SETON PROPERTIES LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	HOLDS TITLE TO REAL ESTATE	MD	0	6,080,166	JOHNS HOPKINS UNIVERSITY
(12) THE JOHNS HOPKINS UNIVERSITY (USA) FOUNDATION LIMITED 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	PROMOTES EDUCATION	UK	356,002	22,178	JOHNS HOPKINS UNIVERSITY
(13) MT WASHINGTON NORTH BUSINESS TRUST 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 41-6517144	BUSINESS TRUST - REAL ESTATE AND RELATED SERVICES	MD	8,256,941	29,415,932	JOHNS HOPKINS UNIVERSITY
(14) MT WASHINGTON SOUTH BUSINESS TRUST 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 51-6539776	BUSINESS TRUST - REAL ESTATE AND RELATED SERVICES	MD	9,791,828	22,785,125	JOHNS HOPKINS UNIVERSITY
(15) PATIENT FIRST SERIES 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	MEDICAL SERVICES	MD	0	0	JOHNS HOPKINS HEALTHCARE LLC
(16) STAFFORD APARTMENTS LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	HOLDS TITLE TO REAL ESTATE	MD	0	0	JOHNS HOPKINS UNIVERSITY
(17) 3111 NORTH CHARLES INVESTMENT LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	HOLDS TITLE TO REAL ESTATE	MD	337,751	110,545	JOHNS HOPKINS UNIVERSITY
(18) RA03 NORFOLK REMAINDERCO LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	HOLDS TITLE TO REAL ESTATE	DE	0	1,315,000	JOHNS HOPKINS UNIVERSITY
(19) 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
(21) HACKERMAN CHARITABLE HOLDINGS LLC 300 EAST JOPPA ROAD SUITE PL-6 BALTIMORE, MD 21286 52-0595110	INVESTMENT	DE	516,048	0	JOHNS HOPKINS UNIVERSITY
(1) 63019 HOLDINGS LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 83-3939444	INVESTMENT	DE	1,878,082,645	1,882,570,504	JOHNS HOPKINS UNIVERSITY
(2) 63019 HOLDINGS II LLC PO BOX 309 UGLAND HOUSE GRAND CAYMAN KY1-1104 CJ 98-1485660	INVESTMENT	CJ	7,392,178	7,392,178	JOHNS HOPKINS UNIVERSITY
(3) 1876 HOLDINGS LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-0595110	INVESTMENT	MD	0	0	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	JOHNS HOPKINS UNIVERSITY		No
C/O 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	COMMUNICATIONS PROGRAMS FOR PUBLIC HEALTH	GY		N/A	JOHNS HOPKINS UNIVERSITY	Yes	
C/O 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211	RESEARCH AND EDUCATION	IN		N/A	JOHNS HOPKINS GLOBAL III	Yes	

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) Disproporionate allocations?		(i) Code V-UBI amount in Box 20 of Schedule K-1 (Form 1065)	(j) General or Managing Partner?		(k) Percentage ownership
							Yes	No		Yes	No	
(1) ASTHMA CENTER LP 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1542228	REAL ESTATE	MD	N/A	RELATED	-9,190	-401,340		No		Yes		1 000 %
(1) ASTHMA CENTER LP 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1542228	REAL ESTATE	MD	N/A	RELATED	-680,092	4,954,394		No			No	74 000 %
(2) 550 BROADWAY LP 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1794353	N/A	MD	N/A									
(3) JHMI UTILITIES LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 20-2814243	UTILITIES SERVICES TO MEMBERS	MD	N/A	RELATED	1,510,864	160,941,352		No	12,706	Yes		50 000 %
(4) JOHNS HOPKINS HEALTHCARE LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-1899357	MEDICAL SERVICES	MD	N/A	RELATED	799,851	113,105,775		No	-1,010,086	Yes		50 000 %
(5) JOHNS HOPKINS MEDICINE INTERNATIONAL LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-2144849	INTERNATIONAL HEALTH CARE, EDUCATION	MD	N/A	RELATED	4,363,324	59,387,788		No	-2,984,360	Yes		50 000 %
(6) HOWARD COUNTY NEONATAL SERVICES LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-2239401	CLINICAL SERVICES	MD	N/A	RELATED	-116,852	-249,291		No		Yes		50 000 %
(7) JOHNS HOPKINS BROADWAY ACQUISITION AND DEVELOPMENT SERIES 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 52-2284576	LAND HOLDING AND DEVELOPMENT	MD	N/A	RELATED	160,696	7,523,534		No		Yes		50 000 %
(8) JOHNS HOPKINS MEDICINE ALLIANCE FOR PATIENTS LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 46-2866692	MEDICAL SERVICES	MD	N/A	RELATED				No		Yes		50 000 %
(9) JOHNS HOPKINS SURGERY CENTER SERIES LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 20-8707724	CLINICAL SERVICES	MD	N/A	RELATED	64,571	9,340,913		No		Yes		50 000 %
(10) MEDBIQUITOUS CONSORTIUM LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 20-8924480	INTERNET PUBLISHING	MD	N/A	RELATED	105,321			No		Yes		50 000 %
(11) NEPHROLOGY INVESTMENTS OF ABERDEEN LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 20-8645333	INVESTMENT HOLDING	MD	N/A	UNRELATED	507,397	418,252		No	510,194	Yes		60 260 %
(12) 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	-14,502	26,701,363		No		Yes		50 000 %
(13) 320 W 29TH STREET LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 46-5373756	REAL ESTATE	MD	N/A	EXCLUDED	20,093	1,071,042		No		Yes		50 000 %
(14) REMINGTON 29TH STREET LLC 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 83-3917703	REAL ESTATE	MD	N/A	EXCLUDED	24,426	1,571,204		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	
(16) IMPALA BLUEBUCK LP 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 82-4035345	INVESTMENT HOLDING	DE	N/A	EXCLUDED	-12,151,694	116,926,778		No	-632,197		No	74 400 %
(1) CCA2-H LP 3910 KESWICK ROAD N4327-B BALTIMORE, MD 21211 82-5305108	INVESTMENT HOLDING	DE	N/A	EXCLUDED	467,551	76,988,750		No			No	99 630 %

Form 990, Schedule R, Part V - Transactions With Related Organizations

(a) Name of related organization	(b) Transaction type(a-s)	(c) Amount Involved	(d) Method of determining amount involved
(1) ASTHMA CENTER LP	K	361,730	LEASE AGREEMENT
(1) NEPHROLOGY INVESTMENTS OF ABERDEEN INC	S	422,119	PARTNERSHIP DISTRIBUTION
(2) CCA2-H LP	B	75,000,000	PARTNERSHIP CONTRIBUTION
(3) REMINGTON 29TH ST LLC	B	1,546,778	PARTNERSHIP CONTRIBUTION
(4) JOHNS HOPKINS PUBLIC HEALTH IN NIGERIA INITIATIVE	B	12,346,632	COST REIMBURSEMENT
(5) JHU CENTER FOR COMMUNICATIONS PROGRAMS - TANZANIA COMPANY	B	1,910,014	COST REIMBURSEMENT
(6) JHMI UTILITIES LLC	B	393,000	PARTNERSHIP CONTRIBUTION
(7) JOHNS HOPKINS BROADWAY ACQUISITION AND DEVELOPMENT SERIES	S	700,000	PARTNERSHIP DISTRIBUTION
(8) JOHNS HOPKINS SURGERY CENTERS SERIES	B	450,000	PARTNERSHIP CONTRIBUTION
(9) JOHNS HOPKINS HEALTH CARE AND SURGERY CENTER DEVELOPMEN LLC	B	4,426,940	PARTNERSHIP CONTRIBUTION