

Part III

Statement of Program Service Accomplishments

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

1

Briefly describe the organization's mission

The Howard Hughes Medical Institute ("Institute" or "HHMI") is the nation's largest private academic biomedical research institution, with approximately \$16 billion in net assets at the end of its 2012 fiscal year. The mission of the Institute has remained constant since its founding in 1953. As its charter states: "The primary purpose and objective of the Howard Hughes Medical Institute shall be the promotion of human knowledge within the field of basic sciences (principally the field of medical research and education) and the effective application thereof for the benefit of mankind."

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 and section 4947(a)(1) trusts 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 \$ 730,557,881 including grants of \$) (Revenue \$)
Statement 1 on Schedule O Medical Research Organization Activities (A) The HHMI Investigator Program (B) Janelia Farm Research Campus

4b

(Code) (Expenses \$ 91,869,038 including grants of \$ 61,558,350) (Revenue \$)
Statement 2 On Schedule O Science Education Programs (A) Graduate Science Education and Medical Research Training (B) Precollege and Undergraduate Science Education Program (C) Educational Resources (D) Tangled Bank Studios (E) eLife - Open Access Journal

4c

(Code) (Expenses \$ 54,231,512 including grants of \$ 26,562,500) (Revenue \$)
Statement 3 On Schedule O Support for International Science (A) International Early Career Scientist Program (B) International Student Research Fellowships Program (C) The KwaZulu-Natal Research Institute for Tuberculosis and HIV (K-RITH)

4d





















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

4e

Total program service expenses \$ 876,658,431

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)? <i>If "Yes," complete Schedule A.</i> 	1	Yes
2	Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> (see instructions)? . . .	2	No
3	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? <i>If "Yes," complete Schedule C, Part I.</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? <i>If "Yes," complete Schedule C, Part II.</i> 	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? <i>If "Yes," complete Schedule C, Part III.</i> 	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? <i>If "Yes," complete Schedule D, Part I.</i> 	6	No
7	Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas or historic structures? <i>If "Yes," complete Schedule D, Part II.</i> 	7	No
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III.</i> 	8	No
9	Did the organization report an amount in Part X, line 21, serve as a custodian for amounts not listed in Part X, or provide credit counseling, debt management, credit repair, or debt negotiation services? <i>If "Yes," complete Schedule D, Part IV.</i> 	9	No
10	Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? <i>If "Yes," complete Schedule D, Part V.</i> 	10	No
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? <i>If "Yes," complete Schedule D, Part VI.</i> 	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? <i>If "Yes," complete Schedule D, Part VII.</i> 	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? <i>If "Yes," complete Schedule D, Part VIII.</i> 	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? <i>If "Yes," complete Schedule D, Part IX.</i> 	11d	No
e	Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X.</i> 	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)? <i>If "Yes," complete Schedule D, Part X.</i> 	11f	No
12a	Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI, XII, and XIII.</i> 	12a	No
b	Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If "Yes," and if the organization answered 'No' to line 12a, then completing Schedule D, Parts XI, XII, and XIII is optional.</i> 	12b	Yes
13	Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E.</i>	13	No
14a	Did the organization maintain an office, employees, or agents outside of the United States? . . .	14a	Yes
b	Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? <i>If "Yes," complete Schedule F, Part I.</i> 	14b	Yes
15	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or assistance to any organization or entity located outside the U S ? <i>If "Yes," complete Schedule F, Part II and IV.</i> 	15	Yes
16	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or assistance to individuals located outside the U S ? <i>If "Yes," complete Schedule F, Part III and IV.</i> 	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? <i>If "Yes," complete Schedule G, Part I.</i>	17	No
18	Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? <i>If "Yes," complete Schedule G, Part II.</i> . . .	18	No
19	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III.</i> . . .	19	No
20a	Did the organization operate one or more hospitals? <i>If "Yes," complete Schedule H.</i> . . .	20a	No
b	If "Yes" to line 20a, did the organization attach its audited financial statement to this return? Note. All Form 990 filers that operated one or more hospitals must attach audited financial statements . . .	20b	

Part IV

Checklist of Required Schedules (continued)

21	Did the organization report more than \$5,000 of grants and other assistance to governments and organizations in the United States on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>	21	Yes	
22	Did the organization report more than \$5,000 of grants and other assistance to individuals in the United States on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i>	22	Yes	
23	Did the organization answer "Yes" to Part VII, Section A, questions 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 questions 24b–24d and complete Schedule K. If "No," go to line 25</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) and 501(c)(4) 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	Was a loan to or by a current or former officer, director, trustee, key employee, highly compensated employee, or disqualified person outstanding as of the end of the organization's tax year? <i>If "Yes," complete Schedule L, Part II</i>	26		No
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor, or a grant selection committee member, or to a person related to such an individual? <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		No
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		No
c	An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or 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		No
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		No
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, Parts II, III, IV, and V, line 1</i>	34	Yes	
35a	Is any related organization a controlled entity of the filing organization within the meaning of section 512(b)(13)?	35a	Yes	
b	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		No
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <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 11 and 19? Note. All Form 990 filers are required to complete Schedule O	38	Yes	

Part V Statements Regarding Other IRS Filings and Tax Compliance			
Check if Schedule O contains a response to any question in this Part V <input checked="" type="checkbox"/>			
		Yes	No
1a	Enter the number reported in Box 3 of Form 1096 Enter -0- if not applicable	<div><div>1a</div><div>991</div></div>	
b	Enter the number of Forms W-2G included in line 1a <i>Enter -0-</i> if not applicable	<div><div>1b</div><div>0</div></div>	
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, <i>Transmittal of Wage and Tax Statements</i> filed for the calendar year ending with or within the year covered by this return 	<div><div>2a</div><div>3,619</div></div>	
b	If at least one is reported on line 2a, did the organization file all required federal employment tax returns? Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions)	2b	Yes
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year? 	3a	Yes
b	If "Yes," has it filed a Form 990-T for this year? <i>If "No," provide an explanation in Schedule O</i>	3b	Yes
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account or securities account)? 	4a	Yes
b	If "Yes," enter the name of the foreign country ► _____ See instructions for filing requirements for Form TD F 90-22.1, Report of Foreign Bank and Financial Accounts		
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year? 	5a	No
b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?	5b	No
c	If "Yes" to line 5a or 5b, did the organization file Form 8886-T? 	5c	
6a	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible? 	6a	No
b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible? 	6b	
7	Organizations that may receive deductible contributions under section 170(c).		
a	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor? 	7a	No
b	If "Yes," did the organization notify the donor of the value of the goods or services provided? 	7b	
c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282? 	7c	No
d	If "Yes," indicate the number of Forms 8282 filed during the year 	<div><div>7d</div><div></div></div>	
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? 	7e	No
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract? 	7f	No
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required? 	7g	
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C? 	7h	
8	Sponsoring organizations maintaining donor advised funds and section 509(a)(3) supporting organizations. Did the supporting organization, or a donor advised fund maintained by a sponsoring organization, have excess business holdings at any time during the year? 	8	
9	Sponsoring organizations maintaining donor advised funds.		
a	Did the organization make any taxable distributions under section 4966? 	9a	
b	Did the organization make a distribution to a donor, donor advisor, or related person? 	9b	
10	Section 501(c)(7) organizations. Enter		
a	Initiation fees and capital contributions included on Part VIII, line 12 	<div><div>10a</div><div></div></div>	
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities	<div><div>10b</div><div></div></div>	
11	Section 501(c)(12) organizations. Enter		
a	Gross income from members or shareholders 	<div><div>11a</div><div></div></div>	
b	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them) 	<div><div>11b</div><div></div></div>	
12a	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041? 	12a	
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year	<div><div>12b</div><div></div></div>	
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. All 501(c)(29) organizations must list in Schedule O each state in which they are licensed to issue qualified health plans, the amount of reserves required by each state, and the amount of reserves the organization allocated to each state	13a	
b	Enter the aggregate amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans	<div><div>13b</div><div></div></div>	
c	Enter the aggregate amount of reserves on hand	<div><div>13c</div><div></div></div>	
14a	Did the organization receive any payments for indoor tanning services during the tax year? 	14a	No
b	If "Yes," has it filed a Form 720 to report these payments? <i>If "No," provide an explanation in Schedule O</i>	14b	

Part VI

Governance, Management, and Disclosure

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

Section A. Governing Body and Management

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

Section B. Policies

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

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

Section C. Disclosure

17	List the States with which a copy of this Form 990 is required to be filed	AK, AZ, CA, IL, IN, MD, MA, NY, OK, OR
18	Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply. <input type="checkbox"/> Own website <input type="checkbox"/> Another's website <input checked="" type="checkbox"/> Upon request	
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. See Additional Data Table.	
20	State the name, physical address, and telephone number of the person who possesses the books and records of the organization.	NITIN V KOTAK 4000 JONES BRIDGE ROAD CHEVY CHASE, MD 20815 (301) 215-8500

Check if Schedule O contains a response to any question in this Part VII ☒

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

Form **990** (2011)

Part VII

1b	Sub-Total	▼			
c	Total from continuation sheets to Part VII, Section A	▼			
d	Total (add lines 1b and 1c)	▼	15,632,186	0	965,462

2 Total number of individuals (including but not limited to those listed in Item 1) who received more than \$100,000 of reportable compensation from the organization. 710

		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) Name and business address	(B) Description of services	(C) Compensation
Echo Street Capital MgtLLCVia HHM 850 Third Avenue NEW YORK, NY 10022	Investment Mgt	6,051,552
Bridgewater AssocIncvia HHMI XVI 1 GLENDINNING PLACE WESTPORT, CT 06880	Investment Mgt	5,554,383
Southeastern Asset Management 6410 Poplar Avenue Suite900 MEMPHIS, TN 38119	Investment Mgt	3,967,614
Aramark Harrison Lodging 1101 Market St PHILADELPHIA, PA 19107	Conference Ctr Mgt	3,394,128
Belltower Advisors LLC Via HHMI V 220 Horizon Drive Suite 121 RALEIGH, NC 27615	INVESTMENT MGT	3,337,292

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 ►136

Part VIII

Statement of Revenue

				(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512, 513, or 514	
Contributions, gifts, grants and other similar amounts	1a	Federated campaigns . . .	1a					
	b	Membership dues	1b					
	c	Fundraising events	1c					
	d	Related organizations	1d					
	e	Government grants (contributions)	1e					
	f	All other contributions, gifts, grants, and similar amounts not included above	1f					
	g	Noncash contributions included in lines 1a-1f \$ _____						
	h	Total. Add lines 1a-1f		0				
Program Service Revenue	2a	RENTAL INCOME	Business Code 900099	1,613,333	1,613,333			
	b							
	c							
	d							
	e							
	f	All other program service revenue						
	g	Total. Add lines 2a-2f		1,613,333				
	Other Revenue	3	Investment income (including dividends, interest and other similar amounts)		236,278,337		-36,391,161	272,669,498
4		Income from investment of tax-exempt bond proceeds . .		44			44	
5		Royalties		10,527,775			10,527,775	
6a		Gross rents	(i) Real	(ii) Personal				
			1,614,939					
			1,766,537					
			-151,598					
d		Net rental income or (loss)		-151,598		-206,240	54,642	
7a		Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other				
			37,323,018,071					
			36,335,506,700					
			987,511,371					
d		Net gain or (loss)		987,511,371			987,511,371	
8a		Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18	a					
b		Less direct expenses	b					
c		Net income or (loss) from fundraising events . .		0				
9a		Gross income from gaming activities See Part IV, line 19	a					
b		Less direct expenses	b					
c		Net income or (loss) from gaming activities . .		0				
10a		Gross sales of inventory, less returns and allowances	a					
b		Less cost of goods sold	b					
c		Net income or (loss) from sales of inventory . .		0				
		Miscellaneous Revenue	Business Code					
11a	INVESTMENT EXPENSE REBATE	900099	256,748			256,748		
b	CAFETERIA INCOME	900099	189,840			189,840		
c	CASH DISCOUNTS	900099	73,055			73,055		
d	All other revenue		-6,002			-6,002		
e	Total. Add lines 11a-11d		513,641					
12	Total revenue. See Instructions		1,236,292,903	1,613,333	-36,597,401	1,271,276,971		

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) but are not required to complete columns (B), (C), and (D)
Check if Schedule O contains a response to any question in this Part IX

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to governments and organizations in the United States See Part IV, line 21	53,605,881	53,605,881		
2 Grants and other assistance to individuals in the United States See Part IV, line 22	7,952,469	7,952,469		
3 Grants and other assistance to governments, organizations, and individuals outside the United States See Part IV, lines 15 and 16	26,562,500	26,562,500		
4 Benefits paid to or for members	0			
5 Compensation of current officers, directors, trustees, and key employees	13,981,347	2,470,009	11,511,338	0
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)	1,308,193	1,214,025	94,168	
7 Other salaries and wages	265,888,659	240,391,073	25,497,586	
8 Pension plan contributions (include section 401(k) and section 403(b) employer contributions)	23,302,012	20,894,563	2,407,449	
9 Other employee benefits	83,933,843	74,792,532	9,141,311	
10 Payroll taxes	17,469,687	15,435,288	2,034,399	
11 Fees for services (non-employees)				
a Management	0			
b Legal	3,859,661	1,950,095	1,909,566	
c Accounting	753,447		753,447	
d Lobbying	0			
e Professional fundraising See Part IV, line 17	0			
f Investment management fees	71,473,092		71,473,092	
g Other	60,793,376	52,670,785	8,122,591	
12 Advertising and promotion	0			
13 Office expenses	9,165,531	4,631,654	4,533,877	
14 Information technology	7,694,986	352,330	7,342,656	
15 Royalties	15,265		15,265	
16 Occupancy	100,637,406	98,413,074	2,224,332	
17 Travel	8,060,677	6,812,898	1,247,779	
18 Payments of travel or entertainment expenses for any federal, state, or local public officials	0			
19 Conferences, conventions, and meetings	3,773,652	3,262,274	511,378	
20 Interest	43,346,735	895,534	42,451,201	
21 Payments to affiliates	0			
22 Depreciation, depletion, and amortization	102,056,186	90,410,576	11,645,610	
23 Insurance	313,085	16,481	296,604	
24 Other expenses Itemize expenses not covered above (List miscellaneous expenses in line 24f If line 24f amount exceeds 10% of line 25, column (A) amount, list line 24f expenses on Schedule O)				
a LAB & OTHER SCIENTIFIC SUPPLIE	137,554,000	136,790,285	763,715	
b MINOR EQUIPMENT & RENOVATIONS	15,049,458	14,605,424	444,034	
c EQUIPMENT MAINTENANCE	13,170,485	11,922,520	1,247,965	
d PRINTING AND PUBLICATIONS	4,471,905	2,208,797	2,263,108	
e				
f All other expenses	7,974,721	8,397,364	-422,643	
25 Total functional expenses. Add lines 1 through 24f	1,084,168,259	876,658,431	207,509,828	0
26 Joint costs. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720) Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation				

Part X

Balance Sheet

					(A)		(B)
					Beginning of year		End of year
Assets	1	Cash—non-interest-bearing			0	1	0
	2	Savings and temporary cash investments			705,785,736	2	804,224,304
	3	Pledges and grants receivable, net			0	3	0
	4	Accounts receivable, net			0	4	0
	5	Receivables from current and former officers, directors, trustees, key employees, and highest compensated employees Complete Part II of Schedule L			0	5	0
	6	Receivables from other disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B) Complete Part II of Schedule L			0	6	0
	7	Notes and loans receivable, net			0	7	0
	8	Inventories for sale or use			0	8	0
	9	Prepaid expenses and deferred charges			3,292,970	9	2,313,253
	10a	Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D	10a	1,752,977,666			
	b	Less accumulated depreciation	10b	919,282,441	855,274,809	10c	833,695,225
	11	Investments—publicly traded securities			8,077,485,060	11	7,333,976,572
	12	Investments—other securities See Part IV, line 11			8,272,827,729	12	8,867,228,423
	13	Investments—program-related See Part IV, line 11			0	13	0
	14	Intangible assets			0	14	0
	15	Other assets See Part IV, line 11			323,127,649	15	276,105,290
	16	Total assets. Add lines 1 through 15 (must equal line 34)			18,237,793,953	16	18,117,543,067
Liabilities	17	Accounts payable and accrued expenses			340,996,712	17	379,269,548
	18	Grants payable			110,330,242	18	127,237,303
	19	Deferred revenue			0	19	0
	20	Tax-exempt bond liabilities			683,000,000	20	683,000,000
	21	Escrow or custodial account liability Complete Part IV of Schedule D			0	21	0
	22	Payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons Complete Part II of Schedule L			0	22	0
	23	Secured mortgages and notes payable to unrelated third parties			0	23	0
	24	Unsecured notes and loans payable to unrelated third parties			640,376,000	24	640,376,000
	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			723,224,863	25	506,550,920
	26	Total liabilities. Add lines 17 through 25			2,497,927,817	26	2,336,433,771
Net Assets or Fund Balances	Organizations that follow SFAS 117, check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.						
	27	Unrestricted net assets			15,739,866,136	27	15,781,109,296
	28	Temporarily restricted net assets			0	28	0
	29	Permanently restricted net assets			0	29	0
	Organizations that do not follow SFAS 117, 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			15,739,866,136	33	15,781,109,296
	34	Total liabilities and net assets/fund balances			18,237,793,953	34	18,117,543,067

Part XI Reconciliation of Net Assets

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

1	Total revenue (must equal Part VIII, column (A), line 12)	1	1,236,292,903
2	Total expenses (must equal Part IX, column (A), line 25)	2	1,084,168,259
3	Revenue less expenses Subtract line 2 from line 1	3	152,124,644
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	15,739,866,136
5	Other changes in net assets or fund balances (explain in Schedule O)	5	-110,881,484
6	Net assets or fund balances at end of year Combine lines 3, 4, and 5 (must equal Part X, line 33, column (B))	6	15,781,109,296

Part XII Financial Statements and Reporting

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

		Yes	No
1	Accounting method used to prepare the Form 990 <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?		No
b	Were the organization's financial statements audited by an independent accountant?	Yes	
c	If "Yes," to 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	
d	If "Yes" to line 2a or 2b, check a box below to indicate whether the financial statements for the year were issued 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 separated basis		
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?		No
b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits		

SCHEDULE A
(Form 990 or 990EZ)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

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

▶ Attach to Form 990 or Form 990-EZ. ▶ See separate instructions.

OMB No 1545-0047

2011

Open to Public
Inspection

Name of the organization HOWARD HUGHES MEDICAL INSTITUTE	Employer identification number 59-0735717
---	--

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

The organization is not a private foundation because it is (For lines 1 through 11, check only one box)

- 1

☐

A church, convention of churches, or association of churches **section 170(b)(1)(A)(i).**
- 2

☐

A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E)
- 3

☐

A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
- 4

☒

A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state

BRIGHAM & WOMENS HOSPITAL,

BOSTON, MA
- 5

☐

An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II)
- 6

☐

A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
- 7

☐

An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi)** (Complete Part II)
- 8

☐

A community trust described in **section 170(b)(1)(A)(vi)** (Complete Part II)
- 9

☐

An organization that normally receives (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975 See **section 509(a)(2).** (Complete Part III)
- 10

☐

An organization organized and operated exclusively to test for public safety See**section 509(a)(4).**
- 11

☐

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

a

☐

Type I

b

☐

Type II

c

☐

Type III - Functionally integrated

d

☐

Type III - Other
- e

☐

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

☐

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

☐

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

(i)

a person who directly or indirectly controls, either alone or together with persons described in (ii) and (iii) below, the governing body of the the supported organization?

(ii)

a family member of a person described in (i) above?

(iii)

a 35% controlled entity of a person described in (i) or (ii) above?
- h

☐

Provide the following information about the supported organization(s)

	Yes	No
11g(i)		
11g(ii)		
11g(iii)		

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

Part II

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

Section A. Public Support						
Calendar year (or fiscal year beginning in)	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants ")						
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3						
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						
6 Public Support. Subtract line 5 from line 4						

Section B. Total Support							
Calendar year (or fiscal year beginning in)		(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
7	Amounts from line 4						
8	Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
9	Net income from unrelated business activities, whether or not the business is regularly carried on						
10	Other income (Explain in Part IV) Do not include gain or loss from the sale of capital assets						
11	Total support (Add lines 7 through 10)						
12	Gross receipts from related activities, etc (See instructions)					12	
13	First Five Years If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a 501(c)(3) organization, check this box and stop here						

Section C. Computation of Public Support Percentage		
14	Public Support Percentage for 2011 (line 6 column (f) divided by line 11 column (f))	14
15	Public Support Percentage for 2010 Schedule A, Part II, line 14	15
16a	33 1/3% support test—2011. 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 type="checkbox"/>
b	33 1/3% support test—2010. If the organization did not check the 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—2011. If the organization did not check a box on line 13, 16a, or 16b and line 14 is 10% or more, and if the organization meets the "facts and circumstances" test, check this box and stop here. Explain in Part IV how the organization meets the "facts and circumstances" test The organization qualifies as a publicly supported organization	<input type="checkbox"/>
b	10%-facts-and-circumstances test—2010. If the organization did not check a box on line 13, 16a, 16b, or 17a and line 15 is 10% or more, and if the organization meets the "facts and circumstances" test, check this box and stop here. Explain in Part IV how the organization meets the "facts and circumstances" test The organization qualifies as a publicly supported organization	<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 IIIPart III

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

Section A. Public Support						
Calendar year (or fiscal year beginning in)	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(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) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(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 IV.)						
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 501(c)(3) organization, check this box and stop here						

Section C. Computation of Public Support Percentage			
15 Public Support Percentage for 2011 (line 8 column (f) divided by line 13 column (f))	15		
16 Public support percentage from 2010 Schedule A, Part III, line 15	16		

Section D. Computation of Investment Income Percentage			
17 Investment income percentage for 2011 (line 10c column (f) divided by line 13 column (f))	17		
18 Investment income percentage from 2010 Schedule A, Part III, line 17	18		
19a 33 1/3% support tests—2011. 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—2010. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and stop here . The organization qualifies as a publicly supported organization			
20 Private Foundation If the organization did not check a box on line 14, 19a or 19b, check this box and see instructions			

Part IV

Supplemental Information. Supplemental Information. Complete this part to provide the explanation required by Part II, line 10; Part II, line 17a or 17b; or Part III, line 12. Also complete this part for any additional information. (See instructions).

Facts And Circumstances Test

Explanation

THE INSTITUTE IS A MEDICAL RESEARCH ORGANIZATION FOR ITS TAXABLE YEAR ENDED AUGUST 31, 2012, AS ITS EXPENDITURES OF \$812,132,587 ON A CASH BASIS FOR THE YEAR ENDED AUGUST 31, 2011 EXCEEDED THE MRO REQUIREMENT of \$574,391,900 (3 5% OF THE HHMI ENDOWMENT)

List of hospital affiliations Hospital, City, State, Zip Code/ B&W Hospital,Boston,MA,02115/ Children's Hosp,Boston,MA,02115/ Children's Hosp,Cincinnati,OH,45229/ Dana-Farber,Boston,MA,02115/ Fred Hutch,Seattle,WA,98109/ JHopkins Hosp,Baltimore,MD,21205/ Mass Gen Hosp,Boston,MA,02129/ MSKCC,New York,NY,10021/ Nat'l Jewish,Denver,CO,80206/ St Jude,Memphis,TN,38105/ Duke-Duke Hosp,Durham,NC,27706/ Emory-Univ Hosp,Atlanta,GA,30322/ NYU-NYU Hosps,New York,NY,10016/ OHSU-OHSU Hosp,Portland,OR,97239/ Rockefeller-Hosp,New York,NY,10021/ Stanford-Hosp,Palo Alto,CA,94305/ UCLA-Med Ctr,Los Angeles,CA,90095/ UCSD-Med Ctr,San Diego,CA,92093/ UCSF-UCSF Hosps,San Francisco,CA,94143/ UIowa-UIowa Hosps,Iowa City,IA,52242/ UMass-Med Ctr,Worcester,MA,01605/ UMich-UMich Hosp,Ann Arbor,MI,48109/ UPenn-UPenn Hosp,Philadelphia,PA,19104/ UT-Austin-UT Hosp,Austin,TX,78712/ UTSW-UTSW Hosps,Dallas,TX,75390/ UUtah-UUtah Hosps,Salt Lake City,UT,84112/ UWash-Med Ctr,Seattle,WA,98195/ Vanderbilt-Hosp,Nashville,TN,37232/ ADARC-aff hosp,New York,NY,10016/ AECOM-affil hosps,New York,NY,10461/ Baylor-aff hosps,Houston,TX,77030/ BU-aff hosp,Boston,MA,02126/ Brandeis-aff hsp, Waltham,MA,02254/ CalTech-aff hosps,Pasadena,CA,91125/ Carnegie-aff hsp, Baltimore,MD,21210/ Case WR-aff hosps,Cleveland,OH,44106/ CSHL-affil hosps,Cold Spring Harbor,NY,11724/ CSU-affil hosp,Fort Collins,CO,80521/ Columbia-aff hsp,New York,NY,10027/ Cornell-aff hosps,New York,NY,14853/ Harvard-aff hosps,Cambridge,MA,02138/ Indiana-affil hosp,Bloomington,IN,47405/ TJL-affil hosps,Bar Harbor,ME,04609/ JHU-affil hosps,Baltimore,MD,21218/ MichSU-affil hosps,Lansing,MI,48824/ MIT-affil hosps,Boston,MA,02139/ NWU-affil hosps,Evanston,IL,60208/ OMRF-aff hosp,Oklahoma City,OK,73104/ Princeton-aff hosps,Princeton,NJ,08544/ Purdue-aff hosp,W Lafayette,IN,47907/ Rutgers-affil hosp,Piscataway,NJ,08854/ Salk-affil hosps,La Jolla,CA,92093/ Stowers-aff hosps,Kansas City,MO,64110/ SUNY-affil hosps,Stony Brook,NY,11794/ Texas A&M-aff hsp,College Station,TX,77843/ Tufts-aff hosps,Boston,MA,02111/ UAZ-affil hosp,Tucson,AZ,85721/ UCB-affil hosps,Berkeley,CA,94720/ UC-Davis-affil hsp,Davis,CA,95616/ UCR-affil hosps,Riverside,CA,92521/ UCSC-aff hosps,Santa Cruz,CA,95064/ UChi-affil hosp,Chicago,IL,60637/ UColo-aff hosp,Boulder,CO,80309/ UColo-aff hosp,Denver,CO,80217/ UFla-aff hosps,Gainesville,FL,32611/ UIlinois-aff hsp,Urbana,IL,61801/ UMD-affil hosp,Baltimore,MD,21201/ UNC-affil hosps,Chapel Hill,NC,27599/ UOregon-aff hsp,Eugene,OR,97403/ UWisc-affil hosps,Madison,WI,53706/ WashU-aff hosp,St Louis,MO,63130/ YaleU-affil hosp,New Haven,CT,06520/

SCHEDULE C
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Political Campaign and Lobbying Activities

For Organizations Exempt From Income Tax Under section 501(c) and section 527
▶ **Complete if the organization is described below.**
▶ **Attach to Form 990 or Form 990-EZ.** ▶ **See separate instructions.**

OMB No 1545-0047

2011

Open to Public Inspection

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

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

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

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

If the organization answered “Yes,” to Form 990, Part IV, Line 5 (Proxy Tax) or Form 990-EZ, line 35c (Proxy Tax), then

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

Name of the organization HOWARD HUGHES MEDICAL INSTITUTE	Employer identification number 59-0735717
---	--

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 on behalf of or in opposition to candidates for public office in Part IV	
2	Political expenditures	▶ \$ _____
3	Volunteer hours	_____

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

1	Enter the amount of any excise tax incurred by the organization under section 4955	▶ \$ _____
2	Enter the amount of any excise tax incurred by organization managers under section 4955	▶ \$ _____
3	If the organization incurred a section 4955 tax, did it file Form 4720 for this year?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4a	Was a correction made?	<input type="checkbox"/> Yes <input type="checkbox"/> 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 funtion 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?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5	Enter the names, addresses and employer identification number (EIN) of all section 527 political organizations to which the filing organization made payments For each organization listed, enter the amount paid from the filing organization's funds Also enter the amount of political contributions received that were promptly and directly delivered to a separate political organization, such as a separate segregated fund or a political action committee (PAC) If additional space is needed, provide information in Part IV	

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

Part II-A

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

- A

Check

☐

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

Check

☐

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

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

4-Year Averaging Period Under Section 501(h)
(Some organizations that made a section 501(h) election do not have to complete all of the five columns below. See the instructions for lines 2a through 2f on page 4.)

Lobbying Expenditures During 4-Year Averaging Period					
Calendar year (or fiscal year beginning in)	(a) 2008	(b) 2009	(c) 2010	(d) 2011	(e) Total
2a Lobbying non-taxable amount					
b Lobbying ceiling amount (150% of line 2a, column(e))					
c Total lobbying expenditures					
d Grassroots non-taxable 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)).

		(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)?		No	
	c Media advertisements?		No	
	d Mailings to members, legislators, or the public?	Yes		
	e Publications, or published or broadcast statements?		No	
	f Grants to other organizations for lobbying purposes?		No	
	g Direct contact with legislators, their staffs, government officials, or a legislative body?		No	
	h Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?		No	
	i Other activities? If "Yes," describe in Part IV	Yes		1,239
	j Total lines 1c through 1i			1,239
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 carryover 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) if BOTH Part III-A, lines 1 and 2 are answered "No" OR if Part III-A, line 3 is answered "Yes".

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

Part IV

Supplemental Information

Complete this part to provide the descriptions required for Part I-A, line 1, Part I-B, line 4, Part I-C, line 5, and Part II-B, line 1i
Also, complete this part for any additional information

Identifier	Return Reference	Explanation
Mailings to members, legislators, or the public	Schedule C, Part II-B, line 1d (Mailings)	During the fiscal year, HHMI engaged in minimal lobbying activities in connection with proposed Loudoun County Board of Supervisors action regarding public transportation, specifically the extension of the Dulles Corridor Metrorail project. Members of HHMI management sent emails to Loudoun County Supervisors on this issue on behalf of HHMI, involving negligible amounts of staff time.
Other Activities	Schedule C, Part II-B, line 1i (Other Activities)	During the fiscal year, HHMI was a member of a number of non-profit organizations that engaged in lobbying activities on behalf of their memberships. HHMI is reporting as lobbying expenditures a portion of the membership dues that HHMI paid to these organizations.

SCHEDULE D

(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

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

OMB No 1545-0047

2011

Open to Public
Inspection

Name of the organization
HOWARD HUGHES MEDICAL INSTITUTE

Employer identification number

59-0735717

Part I

Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts. Complete if the organization answered "Yes" to Form 990, Part IV, line 6.

	(a) Donor advised funds	(b) Funds and other accounts
1	Total number at end of year	
2	Aggregate contributions to (during year)	
3	Aggregate grants from (during year)	
4	Aggregate value at end of year	
5	Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control? <div><input type="checkbox"/> Yes<input type="checkbox"/> No</div>	
6	Did the organization inform all grantees, donors, and donor advisors in writing that grant funds may 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? <div><input type="checkbox"/> Yes<input type="checkbox"/> No</div>	

Part II

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

1

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

☐ Preservation of land for public use (e g , recreation or pleasure)☐ Preservation of an historically importantly land area☐ Protection of natural habitat☐ Preservation of a certified historic structure☐ Preservation of open space

2

Complete lines 2a–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
b	Total acreage restricted by conservation easements
c	Number of conservation easements on a certified historic structure included in (a)
d	Number of conservation easements included in (c) acquired after 8/17/06

3

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

4

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

5

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

☐ Yes☐ No

6

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

7

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

8

Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and 170(h)(4)(B)(ii)?

☐ Yes☐ No

9

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

Part III

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

1a

If the organization elected, as permitted under SFAS 116, 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 XIV, the text of the footnote to its financial statements that describes these items

b

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

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

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

2

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

a

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

b

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

For Privacy Act and Paperwork Reduction Act Notice, see the Intructions for Form 990

Cat No 52283D

Schedule D (Form 990) 2011

Part III

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

3

Using the organization's 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

d

☐ Loan or exchange programs

b

☐ Scholarly research

e

☐ Other

c

☐ Preservation for future generations

4

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

5

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

☐ Yes

☐ No

Part IV

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

1a

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

☐ Yes

☒ No

b

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

	Amount
1c	
1d	
1e	
1f	

2a

Did the organization include an amount on Form 990, Part X, line 21?

☐ Yes

☒ No

b

If "Yes," explain the arrangement in Part XIV

Part V

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

	(a)Current Year	(b)Prior Year	(c)Two Years Back	(d)Three Years Back	(e)Four Years Back
1a	Beginning of year balance				
b	Contributions				
c	Investment earnings or losses				
d	Grants or scholarships				
e	Other expenditures for facilities and programs				
f	Administrative expenses				
g	End of year balance				

2

Provide the estimated percentage of the year end balance held as

a

Board designated or quasi-endowment ▶

b

Permanent endowment ▶

c

Term endowment ▶

3a

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

(i)

unrelated organizations

3a(i)

☐ Yes

☐ No

(ii)

related organizations

3a(ii)

☐ Yes

☐ No

b

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

3b

☐ Yes

☐ No

4

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

Part VI

Land, Buildings, and Equipment. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b)Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land	807,737	37,588,922		38,396,659
b Buildings	10,496,661	677,234,372	158,805,236	528,925,797
c Leasehold improvements	2,878,464	451,383,379	382,161,009	72,100,834
d Equipment		521,221,362	377,820,920	143,400,442
e Other	921,448	50,445,321	495,276	50,871,493
Total. Add lines 1a-1e (Column (d) should equal Form 990, Part X, column (B), line 10(c).) ▶				833,695,225

Part XI Reconciliation of Change in Net Assets from Form 990 to Financial Statements

1	Total revenue (Form 990, Part VIII, column (A), line 12)	1	1,236,292,903
2	Total expenses (Form 990, Part IX, column (A), line 25)	2	1,084,168,259
3	Excess or (deficit) for the year Subtract line 2 from line 1	3	152,124,644
4	Net unrealized gains (losses) on investments	4	-110,881,484
5	Donated services and use of facilities	5	
6	Investment expenses	6	
7	Prior period adjustments	7	
8	Other (Describe in Part XIV)	8	
9	Total adjustments (net) Add lines 4 - 8	9	-110,881,484
10	Excess or (deficit) for the year per financial statements Combine lines 3 and 9	10	41,243,160

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

1	Total revenue, gains, and other support per audited financial statements	1	1,032,777,627
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12		
a	Net unrealized gains on investments	2a	-110,881,484
b	Donated services and use of facilities	2b	
c	Recoveries of prior year grants	2c	
d	Other (Describe in Part XIV)	2d	
e	Add lines 2a through 2d	2e	-110,881,484
3	Subtract line 2e from line 1	3	1,143,659,111
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	92,633,792
b	Other (Describe in Part XIV)	4b	
c	Add lines 4a and 4b	4c	92,633,792
5	Total Revenue Add lines 3 and 4c . (This should equal Form 990, Part I, line 12)	5	1,236,292,903

Part XIII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return

1	Total expenses and losses per audited financial statements	1	991,534,468
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 XIV)	2d	
e	Add lines 2a through 2d	2e	
3	Subtract line 2e from line 1	3	991,534,468
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	92,633,791
b	Other (Describe in Part XIV)	4b	
c	Add lines 4a and 4b	4c	92,633,791
5	Total expenses Add lines 3 and 4c . (This should equal Form 990, Part I, line 18)	5	1,084,168,259

Part XIV Supplemental Information

Complete this part to provide the descriptions required for Part II, lines 3, 5, and 9, Part III, lines 1a and 4, Part IV, lines 1b and 2b, Part V, line 4, Part X, Part XI, line 8, Part XII, lines 2d and 4b, and Part XIII, lines 2d and 4b. Also complete this part to provide any additional information.

Identifier	Return Reference	Explanation
------------	------------------	-------------

Additional Data

Software ID:

Software Version:

EIN: 59-0735717

Name: HOWARD HUGHES MEDICAL INSTITUTE

Form 990, Schedule D, Part X, - Other Liabilities

1	(a) Description of Liability	(b) Amount
	SHORT POSITIONS	118,422,313
	REPURCHASE OBLIGATIONS & INT P	103,199,481
	INVESTMENT PURCHASES PENDING S	12,869,691
	MANAGEMENT FEES PAYABLE	10,986,491
	OPTIONS PAYABLE	1,220,060
	DEFERRED COMPENSATION LIABILIT	19,101,797
	CURRENCY EXCHANGE CONTRACTS PA	8,160,889
	SWAP UNREALIZED LOSS	232,549,948
	PAYABLE REALIZED GAINS ON FUTU	40,250

SCHEDULE F
(Form 990)

Department of the Treasury
Internal Revenue Service

Statement of Activities Outside the United States

► Complete if the organization answered "Yes" to Form 990,
Part IV, line 14b, 15, or 16.
► Attach to Form 990. ► See separate instructions.

OMB No 1545-0047

2011

Open to Public Inspection

Name of the organization
HOWARD HUGHES MEDICAL INSTITUTE

Employer identification number
59-0735717

Part I

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

- 1

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

☒ Yes ☐ No
- 2

For grantmakers. Describe in Part V the organization's procedures for monitoring the use of grant funds outside the United States
- 3

Activites per Region (Use Part V if additional space is needed)

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region or independent contractors	(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 region/investments in region
Sub-Saharan Africa			Grantmaking	Grants for TB/HIV	527,500
Europe (Including Iceland and Greenland)			Grantmaking	Int'l Research Scholar	12,010,000
Europe (Including Iceland and Greenland)			Grantmaking	Grants for TB/HIV	75,000
Europe (Including Iceland and Greenland)			Investments		891,600,509
East Asia and the Pacific			Grantmaking	Int'l Research Scholar	6,220,000
East Asia and the Pacific			Investments		557,505,454
South America			Grantmaking	Int'l Research Scholar	3,145,000
South America			Investments		81,429,303
North America			Grantmaking	Int'l Research Scholar	2,500,000
North America			Investments		233,479,174
Sub-Saharan Africa			Grantmaking	Int'l Research Scholar	1,930,000
Sub-Saharan Africa			Investments		11,719,440
South Asia			Grantmaking	Int'l Research Scholar	715,000
South Asia			Investments		86,769,465
Central America and the Caribbean			Investments		3,076,491,299
Sub-Saharan Africa		1	Program Services	MEDICAL RESEARCH	27,669,012
3a Sub-total		1			4,993,786,156
b Total from continuation sheets to Part I					
c Totals (add lines 3a and 3b)		1			4,993,786,156

[illegible]**Schedule F (Form 990) 2011**

Part III

[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 (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 file Form 3520 and/or Form 3520-A. (see instructions for Forms 3520 and 3520-A)*

☒ Yes ☐ No
- 3

Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U.S. Persons with respect to Certain Foreign Corporations. (see instructions for Form 5471)*

☒ Yes ☐ No
- 4

Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund. (see instructions for Form 8621)*

☒ Yes ☐ No
- 5

Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U.S. Persons with respect to Certain Foreign Partnerships. (see instructions for Form 8865)*

☒ Yes ☐ No
- 6

Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to file Form 5713, International Boycott Report (see instructions for Form 5713).*

☐ Yes ☒ No

Part V

Supplemental Information

Complete this part to provide the information (see instructions) required in Part I, line 2, and any additional information.

Identifier	Return Reference	Explanation
Monitoring of foreign grant funds	Schedule F, Part 1, Line 2	<p>During its 2012 fiscal year, HHMI continued to support International Research Scholars selected through one or more competitions open to all eligible applicants. Eligibility requirements included, but were not limited to, a full-time appointment at a nonprofit scientific research organization in a country other than the United States, and a research focus on basic biological processes or disease mechanisms. Qualified applicants were evaluated by a panel of scientific experts with final selections made by HHMI leadership. The disbursement of grant funds to support the work of International Early Career Scientists and Senior International Research Scholars is made in accordance with all applicable U.S. laws. Funds are paid to an institutional account. In order to monitor the activities and productivity of the grants, each scientist is required to submit an annual progress report concerning his or her research and each grantee institution is required to submit annual financial reports. These reports are reviewed by HHMI staff. Site visits and audits are conducted if warranted and grantees attend scientific meetings of HHMI US-based scientists. HHMI makes regular expenditures as part of its commitment of over \$70 million to support the KwaZulu-Natal Research Institute for Tuberculosis and HIV (K-RITH) over 10 years. As discussed in further detail on Schedule O, HHMI and the University of KwaZulu-Natal (UKZN) in South Africa have collaborated on establishing K-RITH as an international research center in Durban, South Africa. K-RITH's mission is the conduct of outstanding basic scientific research on tuberculosis (TB) and HIV, translating the scientific findings into new insights or tools to control the devastating co-epidemic of TB and HIV, and helping to train a new generation of scientists in Africa. K-RITH was registered in 2011 as an independent non-profit association incorporated under South African law. More information about K-RITH is available from its website, (http://www.k-rith.org/). As part of its oversight of the K-RITH project, HHMI receives regular, detailed financial and programmatic reporting on spending by UKZN and K-RITH of HHMI's financial support of K-RITH on at least a quarterly basis. In addition, HHMI has a one seat on the K-RITH governing board and its employees serve on various K-RITH advisory boards, make regular visits to K-RITH, and are in frequent contact with the K-RITH director and his staff to receive program and financial updates.</p>

Additional Data

Software ID:
Software Version:
EIN: 59-0735717
Name: HOWARD HUGHES MEDICAL INSTITUTE

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

(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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	HIV/TB research	527,500	WT			
		Europe/Iceland/Greenland	HIV/TB Research	75,000	Check			
		Sub-Saharan Africa	HIV/TB Research	300,000	WT & Check			

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

(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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/Iceland/Greenland	Intl Early Career Scholar	1,430,000	WT			
		South America	Intl Early Career Scholar	715,000	WT			
		Europe/Iceland/Greenland	Intl Early Career Scholar	1,430,000	WT			

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

(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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/Iceland/Greenland	Intl Early Career Scholar	1,430,000	WT			
		Europe/Iceland/Greenland	Intl Early Career Scholar	715,000	WT			
		Europe/Iceland/Greenland	Intl Early Career Scholar	715,000	WT			

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

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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	Intl Early Career Scholar	715,000	WT			
		Europe/Iceland/Greenland	Intl Early Career Scholar	715,000	WT			
		Europe/Iceland/Greenland	Intl Early Career Scholar	715,000	WT			

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

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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/Iceland/Greenland	Intl Early Career Scholar	715,000	WT			
		East Asia/Pacific	Intl Early Career Scholar	715,000	WT			
		Europe/Iceland/Greenland	Intl Early Career Scholar	715,000	WT			

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

(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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	Intl Early Career Scholar	715,000	WT			
		South America	Intl Early Career Scholar	715,000	WT			
		East Asia/Pacific	Intl Early Career Scholar	2,860,000	WT			

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

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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/Iceland/Greenland	Intl Early Career Scholar	715,000	WT			
		East Asia/Pacific	Intl Early Career Scholar	715,000	WT			
		Europe/Iceland/Greenland	Intl Early Career Scholar	715,000	WT			

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

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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/Pacific	Intl Early Career Scholar	715,000	WT			
		Sub-Saharan Africa	Intl Early Career Scholar	715,000	WT			
		Sub-Saharan Africa	Intl Early Career Scholar	715,000	WT			

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

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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/Pacific	Intl Early Career Scholar	715,000	WT			
		North America	Senior Intl Research Scholar	500,000	WT			
		South America	Senior Intl Research Scholar	500,000	WT			

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

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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	Senior Intl Research Scholar	500,000	WT			
		North America	Senior Intl Research Scholar	500,000	WT			
		Europe/Iceland/Greenland	Senior Intl Research Scholar	1,000,000	WT			

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

(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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/Iceland/Greenland	Senior Intl Research Scholar	500,000	WT			
		North America	Senior Intl Research Scholar	500,000	WT			
		South America	Senior Intl Research Scholar	500,000	WT			

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

(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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	Senior Intl Research Scholar	500,000	WT			
		Europe/Iceland/Greenland	Senior Intl Research Scholar	500,000	WT			
		North America	Senior Intl Research Scholar	500,000	WT			

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

(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) 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/Pacific	Senior Intl Research Scholar	500,000	WT			

Schedule I
(Form 990)

Department of the Treasury
Internal Revenue Service

Name of the organization
HOWARD HUGHES MEDICAL INSTITUTE

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

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

OMB No 1545-0047

2011

Open to Public
Inspection

Employer identification number
59-0735717

Part I

General Information on Grants and Assistance

- 1

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

☒ Yes ☐ No
- 2

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

Part II

Grants and Other Assistance to Governments and Organizations in the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 21 for any recipient that received more than \$5,000. Check this box if no one recipient received more than \$5,000. Use Part IV and Schedule I-1 (Form 990) if additional space is needed ▶ ☐

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
See Additional Data Table							

2

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

76

3

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

3

Part III

Grants and Other Assistance to Individuals in the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 22.
Use Schedule I-1 (Form 990) if additional space is needed.

(a)Type of grant or assistance	(b)Number of recipients	(c)Amount of cash grant	(d)Amount of non-cash assistance	(e)Method of valuation (book, FMV, appraisal, other)	(f)Description of non-cash assistance
(1) EXROP Program	93	507,650			
(2) Gilliam Fellowships	26	604,500			
(3) Science Education Fellows	1	36,915			
(4) International Predoctoral Fellowship Program	89	3,805,500			

Part IV

Supplemental Information. Complete this part to provide the information required in Part I, line 2, and any other additional information.

Identifier	Return Reference	Explanation
Monitoring of Grants funds	Schedule I, Part 1, Line 2	HHMI awards institutional grants in support of precollege, undergraduate, and graduate education in the U S through periodic national competitions for which select institutions are eligible to apply Each program sets out specific criteria and objectives, proposals are evaluated by a panel of experts with the final selection made by HHMI leadership The Institute also awards fellowships to international predoctoral students, to medical students seeking to conduct basic laboratory research, to doctoral students (the Gilliam Fellows), and to early career physician scientists These grants are also awarded on a competitive basis A small number of grants are awarded based on direct application to HHMI for specific initiatives directly related to science education The disbursement of funds occurs principally through institutions biomedical research institutions, universities, and colleges HHMI grantees are required to file annual progress reports that detail expenditures in accordance with the terms of the grant, as well as full description of program activities undertaken with the funds These are subject to careful review and analysis by HHMI staff with more detailed review by the Institute auditors as warranted The Institute continues to assess reporting requirements to ensure the quality and timeliness of both financial and programmatic reports In addition to site visits made by HHMI staff, program directors meet on a regular basis to discuss their activities and share information about best educational practices

Software ID:

Software Version:

EIN: 59-0735717

Name: HOWARD HUGHES MEDICAL INSTITUTE

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Travel Exps paid-behalf-grantees-AMR Corp4333 Amon Carter Blvd Fort Worth,TX 76155	75-1825172		8,937				EXROP Program - Housing
Harvard University Harvard University Cambridge,MA 02138	04-2103580	501 (c) (3)	36,730				EXROP Program - Housing

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Housing paid-behalf-grantees-International House 500 Riverside Drive New York, NY 10027	13-1624048		20,101				EXROP Program - Housing
UC - Los Angeles UC - Los Angeles Los Angeles, CA 90095	95-6006143	501 (c) (3)	7,651				EXROP Program - Housing

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Harvard Stem Cell InstituteHarvard Stem Cell Institute Cambridge, MA 02138	04-2103580	501 (c) (3)	13,230				EXROP Program - Housing
Cold Spring Harbor LabCold Spring Harbor Lab Cold Spring Harbor, NY 11724	11-2013303	501 (c) (3)	8,250				EXROP Program - Housing

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
California Institute of Technology California Institute of Technology Pasadena, CA 91125	95-1643307	501 (c) (3)	6,601				EXROP Program - Housing
Travel Exps paid-behalf-grantees-Longwood Inn123 Longwood Avenue Brookline, MA 02446	04-2932331		15,620				EXROP Program - Housing

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
WETA 3939 Campbell Avenue Arlington, VA 22206	53- 0242992	501 (c) (3)	125,000				Greater PBS Newshour
Audubon Naturalist Soc8940 Jones Mill Road Chevy Chase, MD 20815	53- 0233715	501 (c) (3)	50,000				Precollege Local Initiative

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Chesapeake Bay Foundation162 Prince George Street Annapolis, MD 21401	52-6065757	501 (c) (3)	150,000				Precollege Local Initiative
Montgomery Cty PS Educ Found850 Hungerford Drive Rockville, MD 20850	52-1804509	501 (c) (3)	545,000				Precollege Local Initiative

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
PG County Public Schools14201 School Lane Upper Marlboro, MD 20772	52-6000992	MD county	40,000				Precollege Local Initiative
Loudoun Cty Public Schools 21000 Education Court Leesburg, VA 20176	54-6001395	VA county	1,000,000				PreCollege Science - Other

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
NYUNew York University New York, NY 10003	13-5562308	501 (c) (3)	30,000				NOVA
Univ of Minnesota Univ of Minnesota Minneapolis, MN 55415	41-6007513	501 (c) (3)	120,000				Summer Institute

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Grinnell College Grinnell College Grinnell, IA 50112	43-0680387	501 (c) (3)	285,000				Summer Institute
Evergreen State College Evergreen State College Olympia, WA 98195	91-0826533	501 (c) (3)	120,000				Summer Institute

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Indiana Univ of PennsylvaniaIndiana Univ of Pennsylvania Indiana, PA 15705	25-1753112	501 (c) (3)	55,000				Summer Institute
Univ of Colorado Univ of Colorado Boulder, CO 80309	84-6000555	501 (c) (3)	120,000				Summer Institute

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Harvard University Harvard University Cambridge, MA 02138	04-2103580	501 (c) (3)	120,000				Summer Institute
Louisiana State Univ-A&MLouisiana State Univ-AM Baton Rouge, LA 70803	72-6000848	501 (c) (3)	120,000				Summer Institute

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
University of GeorgiaUniversity of Georgia Athens,GA 30602	58-6001998	501 (c) (3)	120,000				Summer Institute
Biological Sciences Curriculum Study Colorado State University Colorado Springs, CO 80918	84-0622557	501 (c) (3)	170,000				BSCS-NOVA

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
ResearchAmerica 1101 King Street Ste 520 Alexandria, VA 22314	52-1609875	501 (c) (3)	25,000				Assessment
National Academy of Sciences2101 Constitution Avenue NW Washington, DC 20001	53-0196932	501 (c) (3)	300,000				Local Area

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Foundation for NIH 9650 Rockville Pike Bethesda, MD 20814	52-1986675	501 (c) (3)	140,000				Local Area
UC - San DiegoUC - San Diego La Jolla, CA 92093	39-6054285	501 (c) (3)	26,000				Interdisciplinary Research Training

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Massachusetts General Hospital Massachusetts General Hospital Boston, MA 02129	04-2697983	501 (c) (3)	29,000				Interdisciplinary Research Training
UC - IrvineUC - Irvine Irvine,CA 92717	95-2226406	501 (c) (3)	30,000				Interdisciplinary Research Training

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Purdue University Purdue University West Lafayette, IN 47907	35-6002041	501 (c) (3)	300,000				Curriculum Collaborative
University of Maryland University of Maryland Baltimore, MD 21201	52-6002033	501 (c) (3)	300,000				Curriculum Collaborative

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
University of Maryland University of Maryland College Park, MD 21250	52-6002033	501 (c) (3)	300,000				Curriculum Collaborative
University of Miami University of Miami Coral Gables, FL 33146	59-0624458	501 (c) (3)	300,000				Curriculum Collaborative

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Allegheny College Allegheny College Meadville, PA 16335	25-0965212	501 (c) (3)	1,500,000				College
Bard CollegeBard College AnnandaleonHudson, NY 12504	14-1713034	501 (c) (3)	800,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Barnard College Barnard College New York, NY 10027	13-1628149	501 (c) (3)	1,000,000				College
Bryn Mawr College Bryn Mawr College Bryn Mawr, PA 19010	23-1352621	501 (c) (3)	1,000,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Cal-State Fullerton Cal-State Fullerton Fullerton, CA 92831	95- 2081258	501 (c) (3)	1,200,000				College
Carleton College Carleton College Northfield, MN 55057	41- 0694747	501 (c) (3)	1,000,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Carroll College Carroll College Helena, MT 59625	81-0231774	501 (c) (3)	1,000,000				College
College of Charleston College of Charleston Charleston, SC 29424	57-6000265	501 (c) (3)	1,400,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
CUNY Hunter CollegeCUNY Hunter College New York, NY 10021	13-1988190	501 (c) (3)	1,000,000				College
Franklin & Marshall CollegeFranklin Marshall College Lancaster, PA 17604	23-1352635	501 (c) (3)	1,400,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Georgetown College Georgetown College Georgetown, KY 40324	61-0444695	501 (c) (3)	1,100,000				College
Gettysburg College Gettysburg College Gettysburg, PA 17325	23-1352641	501 (c) (3)	1,300,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Gonzaga UniversityGonzaga University Spokane, WA 99258	91-0236600	501 (c) (3)	1,200,000				College
Grinnell CollegeGrinnell College Grinnell, IA 50112	43-0680387	501 (c) (3)	1,000,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Hamline University Hamline University St Paul, MN 55104	41-0693960	501 (c) (3)	1,100,000				College
Harvey Mudd College Harvey Mudd College Claremont, CA 91711	95-1911219	501 (c) (3)	1,200,000				College

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Hope CollegeHope College Holland, MI 49423	38-1381271	501 (c) (3)	1,000,000				College
Juniata CollegeJuniata College Huntingdon, PA 16652	23-1352652	501 (c) (3)	1,000,000				College

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Lafayette College Lafayette College Easton, PA 18042	24-0795686	501 (c) (3)	800,000				College
Lewis & Clark College Lewis Clark College Portland, OR 97219	93-0386858	501 (c) (3)	1,000,000				College

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Luther College Luther College Decorah, IA 52101	42-0680466	501 (c) (3)	1,500,000				College
Macalester College Macalester College St Paul, MN 55105	41-0693962	501 (c) (3)	1,300,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Milsaps College Milsaps College Jackson, MS 39210	64-0303084	501 (c) (3)	1,400,000				College
Morehouse College Morehouse College Atlanta, GA 30314	58-0566205	501 (c) (3)	800,000				College

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
North Carolina Central University North Carolina Central University Durham, NC 27707	56-6000730	501 (c) (3)	1,400,000				College
Oberlin College Oberlin College Oberlin, OH 44074	34-0714363	501 (c) (3)	800,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Pomona College Pomona College Claremont, CA 91711	95-1664112	501 (c) (3)	1,200,000				College
San Francisco State University San Francisco State University San Francisco, CA 94132	93-1137247	501 (c) (3)	1,500,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Scripps College Scripps College Claremont, CA 91711	95- 1664123	501 (c) (3)	1,200,000				College
Smith College Smith College Northampton, MA 01063	04- 1843040	501 (c) (3)	1,000,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Southwestern University Southwestern University Georgetown, TX 78626	74-1233796	501 (c) (3)	1,300,000				College
Spelman College Spelman College Atlanta, GA 30314	58-0566243	501 (c) (3)	1,000,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
St Olaf College St Olaf College Northfield, MN 55057	41-0693979	501 (c) (3)	1,000,000				College
Swarthmore College Swarthmore College Swarthmore, PA 19081	23-1352683	501 (c) (3)	1,000,000				College

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Tougaloo College Tougaloo College Tougaloo, MS 39174	64-0303093	501 (c) (3)	1,300,000				College
Tuskegee University Tuskegee University Tuskegee, AL 36088	63-0288878	501 (c) (3)	1,000,000				College

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Univ of Puerto Rico CayeyUniv of Puerto Rico Cayey Cayey, PR 00736	66-0433766	501 (c) (3)	900,000				College
Univ of Puerto Rico MayaguezUniv of Puerto Rico Mayaguez Mayaguez, PR 00681	66-0433761	501 (c) (3)	1,300,000				College

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Univ of Minnesota-MorrisUniv of Minnesota-Morris Morris, MN 56267	41-6007513	501 (c) (3)	1,200,000				College
Univ of RichmondUniv of Richmond Richmond, VA 23173	54-0505965	501 (c) (3)	1,400,000				College

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Univ of Texas Pan AmericanUniv of Texas Pan American Edinburg,TX 78539	74-6003942	501 (c)(3)	1,200,000				College
Ursinus College Ursinus College Collegeville, PA 19426	23-1177930	501 (c) (3)	800,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Washington & Lee University Washington Lee University Lexington, VA 24450	54-0505977	501 (c) (3)	1,000,000				College
Whittier College Whittier College Whittier, CA 90608	95-1644048	501 (c) (3)	800,000				College

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
Xavier University of LouisianaXavier University of Louisiana New Orleans, LA 70125	72-0635884	501 (c) (3)	1,000,000				College

Schedule J
(Form 990)

Compensation Information

OMB No 1545-0047

2011

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

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

Name of the organization HOWARD HUGHES MEDICAL INSTITUTE	Employer identification number 59-0735717
---	--

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 in 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 idemnification 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 type="checkbox"/> Health or social club dues or initiation fees		
	<input 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 the expenses described above? If "No," complete Part III to explain	1b	Yes
2	Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all officers, directors, trustees, and the CEO/Executive Director, regarding the items checked in line 1a?	2	Yes
3	Indicate which, if any, of the following the organization uses to establish the compensation of the organization's CEO/Executive Director Check all that apply		
	<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 in Form 990, Part VII, Section A, line 1a with respect to the filing organization or a related organization		
a	Receive a severance payment or change-of-control payment?	4a	No
b	Participate in, or receive payment from, a supplemental nonqualified retirement plan?	4b	No
c	Participate in, or receive payment from, an equity-based compensation arrangement?	4c	No
	If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III		
	Only 501(c)(3) and 501(c)(4) organizations only must complete lines 5-9.		
5	For persons listed in form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of		
a	The organization?	5a	No
b	Any related organization?	5b	No
	If "Yes," to line 5a or 5b, describe in Part III		
6	For persons listed in form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of		
a	The organization?	6a	No
b	Any related organization?	6b	No
	If "Yes," to line 6a or 6b, describe in Part III		
7	For persons listed in Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III	7	Yes
8	Were any amounts reported in Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regs section 53 4958-4(a)(3)? If "Yes," describe in Part III	8	Yes
9	If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53 4958-6(c)?	9	Yes

Part II **Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees.** Use Schedule J-1 if additional space needed.

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

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

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

Part III **Supplemental Information**

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

Identifier	Return Reference	Explanation
Part 1 Line 1a		First-class travel. Under HHMI policies, HHMI reimburses its Trustees, President, Vice Presidents, and certain advisory group members for the reasonable cost of airfare at one class above coach for domestic or international flights of three hours or more. If a particular aircraft does not have a business class section, one class above coach may be first class. In this case HHMI would reimburse the traveling Trustee or officer for the reasonable cost of first-class travel if the flight is three hours or more. As an alternative, HHMI may reimburse for the cost of coach airfare plus the cost of an upgrade to travel at one level above coach for a flight of three hours or more. Housing for personal use. HHMI's President currently resides in an HHMI-owned apartment on the headquarters campus, for which he pays HHMI at a fair market rental rate. Because HHMI's President is also required to spend time at HHMI's Janelia campus, where he runs a research laboratory as well as attends meetings and participates in conferences, HHMI makes a one-bedroom apartment available to him at that location. HHMI's Vice President and Director, Janelia Farm Research Campus is required as a condition of employment to reside on the Janelia campus in housing built for that purpose. HHMI's Vice President and Chief Scientific Officer receives a mortgage subsidy from HHMI under a Housing Assistance Program for certain individuals who relocate to take positions with HHMI. The Executive Vice President and Chief Operating Officer also receives housing assistance from HHMI under this program. The Vice President for Science Education also receives housing assistance from HHMI under this program. In each case, the subsidy is treated as additional taxable compensation. Travel for companions. Under HHMI's moving expense reimbursement policy, if an employee is relocating at HHMI's request, HHMI may reimburse for up to two househunting trips by the relocating employee and members of his or her household. Under this policy, HHMI reimbursed a highly compensated employee who was relocating at HHMI's request for househunting travel by a companion. Tax gross-up payments. Under HHMI's moving expense reimbursement policy, if an employee is relocating at HHMI's request, HHMI will ordinarily provide a tax gross-up for the reimbursable moving expenses that must be treated as taxable to the employee. HHMI continued to follow this standard practice during the 2012 fiscal year.
Part I Line 7		HHMI has an incentive compensation plan for its senior investment staff under which a portion of their compensation is determined based on performance of HHMI's portfolio against market benchmarks. HHMI also makes one-time payments to some of its other employees, including but not limited to officers, in recognition of exceptional performance.
Part I Line 8		When recruiting individuals for high-level positions, HHMI typically enters into initial contracts. HHMI has entered into initial contracts with its President and a number of Vice Presidents. HHMI's standard practice is to have independent compensation consultants regularly review and confirm the reasonableness of compensation of HHMI's officers and key employees, regardless of whether the initial contract exception applies.

Software ID:

Software Version:

EIN: 59-0735717

Name: HOWARD HUGHES MEDICAL INSTITUTE

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

(A) Name		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation reported in prior Form 990 or Form 990-EZ
		(i) Base Compensation	(ii) Bonus & incentive compensation	(iii) Other compensation				
Robert Tjian PhD	(i) (ii)	1,133,137	0	15,000	22,000	29,300	1,199,437	
Cheryl A Moore	(i) (ii)	784,937	0	118,232	16,500	21,209	940,878	
Craig A Alexander Esq	(i) (ii)	549,678	0	16,500		24,608	590,786	
Sean B Carroll PhD	(i) (ii)	576,362	0	268,464	22,000	19,650	886,476	
Jack E Dixon PhD	(i) (ii)	699,364	0	58,278	22,000	28,648	808,290	
Mohamoud Jibrell	(i) (ii)	274,661	0	14,400	14,400	21,886	325,347	
Nitin V Kotak	(i) (ii)	305,327	0	16,500	16,775	17,495	356,097	
Avice A Meehan	(i) (ii)	395,116	0	16,500	21,984	9,875	443,475	
Gerald M Rubin PhD	(i) (ii)	660,026	0	16,500	21,750	84,090	782,366	
Landis Zimmerman	(i) (ii)	833,899	483,862	16,500		22,920	1,357,181	
Heidi E Henning Esq	(i) (ii)	405,185	0	16,500	21,960	20,244	463,889	
Susan S Plotnick	(i) (ii)	204,212	0	16,500	0	22,444	243,156	
Richard A Pender	(i) (ii)	459,661	427,564	16,500	0	20,006	923,731	
Robert J Kolyer Jr	(i) (ii)	402,240	270,511	16,500	22,000	22,873	734,124	
Stephen M Kitsoulis	(i) (ii)	349,188	242,883	0	22,000	21,502	635,573	
Mark A Barnard	(i) (ii)	348,512	157,626	16,500	22,000	21,986	566,624	
Peter J Bruns PhD	(i) (ii)	124,750	0	0	0	0	124,750	
Thomas R Cech PhD	(i) (ii)	545,705	400,000	17,000	0	22,407	985,112	

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

(A) Name		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation reported in prior Form 990 or Form 990-EZ
		(i) Base Compensation	(ii) Bonus & incentive compensation	(iii) Other compensation				
David A Clayton PhD	(i) (ii)	108,586	0	0	0	20,397	128,983	
Robert C Mullins	(i) (ii)	232,729	0	13,563	14,409	20,200	280,901	
Edward J Palmerino	(i) (ii)	115,567	254,907	5,500	7,333	6,937	390,244	
William R Bishai PhD	(i) (ii)	401,956	0	207,707	22,000	19,496	651,159	
Anil Madhok	(i) (ii)	322,116	219,373	16,500	16,500	19,746	594,235	
Eric R Kandel MD	(i) (ii)	519,686	0	15,250	20,500	31,423	586,859	
Matthew R Lee	(i) (ii)	320,934	194,895	16,500	16,500	21,574	570,403	
Roderick Mackinnon MD	(i) (ii)	429,576	0	21,350	22,000	23,512	496,438	

Schedule K
(Form 990)

Department of the Treasury
Internal Revenue Service

Name of the organization
HOWARD HUGHES MEDICAL INSTITUTE

Supplemental Information on Tax Exempt Bonds

▶ Complete if the organization answered "Yes" to Form 990, Part IV, line 24a. Provide descriptions, explanations, and any additional information in Schedule O (Form 990).
▶ Attach to Form 990. ▶ See separate instructions.

OMB No 1545-0047

2011

Open to Public
Inspection

Employer identification number
59-0735717

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 Loudoun County IDA	52-1310230	545910AL5	02-27-2003	500,000,000	FINANCE CONSTRUCTION OF JANELIA FA		X		X		X
B Loudoun Cty IDA	52-1310230	545910AP6	10-02-2009	23,000,000	FINANCE CONTRUCTION OF JANELIA FAR		X		X		X
C MEDCO	52-1376562	574205FY1	02-15-2008	83,500,000	FINANCE CONSTRUCITON OF HQ EXPANSI		X		X		X
D Medco	52-1376562	574205FZ8	05-15-2008	76,500,000	REFUNDING OF ISSUE TO FINANCE HQ C		X		X		X

Part II Proceeds

		A		B		C		D	
1	Amount of bonds retired	0		0		0		0	
2	Amount of bonds defeased	0		0		0		0	
3	Total proceeds of issue	534,028,000		23,022,042		84,953,297		76,500,000	
4	Gross proceeds in reserve funds	0		0		0		0	
5	Capitalized interest from proceeds	54,203,000		904,914		5,954,687		0	
6	Proceeds in refunding escrow	0		0		0		0	
7	Issuance costs from proceeds	200,000		0		631,673		0	
8	Credit enhancement from proceeds	0		0		0		0	
9	Working capital expenditures from proceeds	0		43,305		0		0	
10	Capital expenditures from proceeds	479,625,000		22,073,823		78,366,937		0	
11	Other spent proceeds	0		0		0		76,500,000	
12	Other unspent proceeds	0		0		0		0	
13	Year of substantial completion	2006		2011		2010		1993	
14	Were the bonds issued as part of a current refunding issue?	Yes	No	Yes	No	Yes	No	Yes	No
			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?	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		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		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 %			
6	Total of lines 4 and 5	0 %		0 %		0 %			
7	Has the organization adopted management practices and procedures to ensure the post-issuance compliance of its tax-exempt bond liabilities?	X		X		X			

Part IV

Arbitrage

		A		B		C		D	
		Yes	No	Yes	No	Yes	No	Yes	No
1	Has a Form 8038-T, Arbitrage Rebate, Yield Reduction and Penalty in Lieu of Arbitrage Rebate, been filed with respect to the bond issue?	X			X		X	X	
2	Is the bond issue a variable rate issue?	X		X		X		X	
3a	Has the organization or the governmental issuer entered into a hedge with respect to the bond issue?	X		X		X		X	
b	Name of provider	BARCLAYS		JP MORGAN CHASE		JP MORGAN			
c	Term of hedge	10		30		30		30	
d	Was the hedge superintegrated?		X		X		X		X
e	Was a hedge terminated?		X		X		X		X
4a	Were gross proceeds invested in a GIC?		X		X		X		X
b	Name of provider	0		0		0		0	
c	Term of GIC								
d	Was the regulatory safe harbor for establishing the fair market value of the GIC satisfied?								
5	Were any gross proceeds invested beyond an available temporary period?		X		X		X		X
6	Did the bond issue qualify for an exception to rebate?		X		X		X	X	

Part V

Procedures To Undertake Corrective Action

Check the box if 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 ☐ Yes ☒ No

Part VI

Supplemental Information

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

Identifier	Return Reference	Explanation
Schedule O	0	

Schedule L
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

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

OMB No 1545-0047
2011
Open to Public Inspection

Name of the organization
HOWARD HUGHES MEDICAL INSTITUTE

Employer identification number
59-0735717

Part I Excess Benefit Transactions (section 501(c)(3) and section 501 (c)(4) organizations only).
Complete if the organization answered "Yes" on Form 990, Part IV, line 25a or 25b, or Form 990-EZ, Part V, line 40b

1	(a) Name of disqualified person	(b) Description of transaction	(c) Corrected?	
			Yes	No

2 Enter the amount of tax imposed on the 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, Part IV, line 26, or Form 990-EZ, Part V, line 38a

(a) Name of interested person and purpose	(b) Loan to or from the organization?		(c)Original principal amount	(d)Balance due	(e) In default?		(f) Approved by board or committee?		(g)Written agreement?	
	To	From			Yes	No	Yes	No	Yes	No
Total ▶ \$ _____										

Part III Grants or Assistance Benefitting Interested Persons.
Complete if the organization answered "Yes" on Form 990, Part IV, line 27.

(a) Name of interested person	(b)Relationship between interested person and the organization	(c)Amount of grant or type 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
(1) American Express Company	Shared Trustee/Director	447,040	see Supplemental Information		No

Part V

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

Identifier	Return Reference	Explanation
Reportable Business Transactions	Part IV , Line d	A trustee of HHMI is also a director of American Express Company HHMI paid American Express Company for travel and related services provided to HHMI in the ordinary course of business

SCHEDULE O

(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

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

OMB No 1545-0047

2011

Open to Public
Inspection

Name of the organization HOWARD HUGHES MEDICAL INSTITUTE	Employer identification number 59-0735717
---	--

Identifier	Return Reference	Explanation
Authority over Financial Account in a Foreign Country	Core Form, Part V, Line 4b	HHMI has signature authority over investment accounts in the above foreign countries through their custodian, Bank of New York Mellon ARGENTINA AUSTRALIA AUSTRIA BELGIUM BERMUDA BRAZIL CANADA CHILE CHINA COLOMBIA CZECH REPUBLIC DENMARK EGYPT ESTONIA FINLAND FRANCE GERMANY GREECE HONG KONG HUNGARY INDIA INDONESIA IRELAND ISRAEL ITALY JAPAN JORDAN LUXEMBOURG MALAYSIA MAURITIUS MEXICO MOROCCO NETHERLANDS NEW ZEALAND NORWAY PERU PHILIPPINES POLAND PORTUGAL ROMANIA SINGAPORE SLOVENIA SOUTH AFRICA SOUTH KOREA SPAIN SRI LANKA SWEDEN SWITZERLAND TAIWAN THAILAND TURKEY UKRAINE UNITED KINGDOM URUGUAY VENEZUELA ZIMBABWE. HHMI also has direct signature authority in Mauritius and Singapore

Identifier	Return Reference	Explanation
Description of 990 Review Process	Core Form, Part VI, Section B, Line 11A	The Howard Hughes Medical Institute's Form 990 is initially prepared by its Tax Compliance Department, in coordination with other HHMI departments as needed. The draft return is reviewed by senior management of HHMI and by attorneys in HHMI's Office of the General Counsel. Following these reviews and the resolution of any questions that have been raised, the draft return is reviewed by HHMI's outside tax preparer. Finally, a copy of the return is provided to the members of HHMI's Board of Trustees so that they have an opportunity to review and comment on the return before it is filed.

Identifier	Return Reference	Explanation
Conflict of Interest Policy	Core Form, Part VI, Section B, Line 12a-12c	<p>In addition to HHMI's code of conduct, which addresses conflicts of interest and applies to all HHMI employees, officers, Trustees, and advisors, HHMI has specific conflict of interest policies for different categories of personnel. Under the HHMI policies that apply to Trustees, officers, and key employees, these individuals must disclose annually interests that could give rise to conflicts of interest, and must certify annually their compliance with the conflict of interest policy that applies to them. Annual disclosures and certifications are reviewed by HHMI's Office of the General Counsel, and by other HHMI managers as needed. The conflict of interest policy covering HHMI's Trustees also requires each Trustee to disclose to the other Trustees any actual or apparent conflict of interest with respect to a proposed HHMI transaction. If the other Trustees decide that there is only the appearance of a conflict of interest, and that it could not reasonably be considered to affect the independent, unbiased judgment of the disclosing Trustee with respect to the transaction at issue, no further action is required to address the apparent conflict. In all other cases, including all actual conflicts of interest, the disclosing Trustee is not permitted to participate in the deliberation or decision regarding the transaction under consideration, and must leave the room during the deliberation and vote. The conflict of interest policy covering HHMI's officers and key employees requires each covered individual to obtain supervisory approval up to the level of HHMI's President before entering into an affiliation with or acquiring an interest of 1% or more in any entity that is or may become a recipient of HHMI funds. HHMI's President, in consultation with HHMI's General Counsel, may permit the affiliation or interest if it would not interfere with the covered individual's performance of his or her HHMI responsibilities, would not create the appearance of a conflict of interest, and would be consistent with sound business judgment. HHMI's President may set conditions on approval, for example that there be no remuneration to the covered individual. Proposed affiliations and interests of 1% or more of HHMI's President are subject to the approval of the Chairman of the Trustees.</p>

Identifier	Return Reference	Explanation
Process for determining compensation	Core Form, Part VI, Section B, Lines 15a-b	<p>The compensation for HHMI's President, other officers, and key employees is set using the following procedures. Every other year, the Audit and Compensation Committee of HHMI's Board of Trustees engages one or more independent compensation consultants to conduct a study of comparable market data. The study includes data for HHMI's President, other officers, and key employees. The independent compensation consultants also provide an opinion regarding the reasonableness of the compensation arrangements for the positions included in the study. The study includes comparable market data for all components of compensation for each person covered by the study, including base salary, incentive compensation (if any), and benefits. The Committee relies on the market data and opinion provided by the compensation consultant in making recommendations to the Board of Trustees regarding compensation for HHMI's President, other officers and key employees. The decision is made by independent Trustees. Any Trustee who has a conflict of interest with respect to a specific officer or key employee must recuse himself or herself from the decision on that person's compensation, and leave the meeting room during the debate and voting on it. In the alternate years when a study is not done, the Audit and Compensation Committee confirms with the independent compensation consultants that the range of any proposed merit increases for HHMI employees, including senior management, is reasonable compared with generally prevailing compensation increases in the market over the past year. The Committee relies on this advice in recommending compensation for HHMI's President, other officers and key employees, and the Board of Trustees relies on this advice in making compensation decisions. Recusal procedures are the same in as in the years when a study is done. In each year, minutes of the discussions and decisions regarding compensation are prepared after each meeting and are submitted for approval at the next meeting. Approved minutes are kept in HHMI's records. All minutes include the date of the meeting, identify those Trustees who attended and voted on the compensation arrangements, and note any recusals of Trustees with a conflict of interest. The comparability studies and opinions relied on at the meeting are referenced in the minutes, and copies of these materials are also kept in HHMI's records. HHMI's Board of Trustees followed this process in August 2011 in determining compensation for the following positions: President, Vice Presidents, and Managing Directors - Investments.</p>

Identifier	Return Reference	Explanation
Governing documents etc available to the public	Core Form, Part VI, Section C, Line 19	HHMI's practice has been to make a copy of its charter and by-laws available on request. HHMI's code of conduct, which addresses conflicts of interest, is available to the public on the HHMI web site. A downloadable copy of HHMI's most recent audited financial statements is also available to the public on the web site. In addition, HHMI publishes an annual report that provides a summary of each year's activity, expenditures, and financial performance; this publication is widely distributed in print and is posted on the HHMI web site.

Identifier	Return Reference	Explanation
Whistleblow er policy	Core Form, Part VI, Section B, Line 13	HHMI has had a w ritten w histleblow er policy in place since 2003 This policy w as approved by the Trustees during this past fiscal year

Identifier	Return Reference	Explanation
Document Retention & Destruction Policy	Core Form, Part VI, Section B, Line 14	HHMI has had written document retention and destruction policies in place for many years. These policies were adopted by HHMI's Trustees before the end of the tax year covered by this Form 990.

Identifier	Return Reference	Explanation
Other Changes of Net Assets	Core Form, Part XI, Line 5	Unrealized gains on investments

Identifier	Return Reference	Explanation
Statement 1	Part III, Program Service, line 4a - Medical Research	<p>Medical Research (A) The HHMI Investigator Program (B) Janelia Farm Research Campus (C) Highlights from HHMI Research Laboratories (Fiscal Year 2012) (D) Honors and Awards Received by HHMI Scientists (A) The HHMI Investigator Program The Howard Hughes Medical Institute's approach to biomedical research can be summarized in three words: people, not projects. By appointing scientists as HHMI investigators - rather than awarding research grants - the Institute provides long-term, flexible funding that enables its researchers to pursue their scientific interests wherever they lead. HHMI believes that scientists of exceptional talent and imagination will make fundamental discoveries of lasting scientific value and benefit to humanity if they are given the resources, time, and freedom to pursue challenging questions. The Institute nurtures the creativity and intellectual daring of scientists who are willing to set aside conventional wisdom or the "easy" question for a fundamental problem that may take many years to solve. Among the characteristics that distinguish this group of scientists are qualities such as creativity, a penchant for risk-taking, and a commitment to discovery, productivity, and perseverance. This unique research model is an imaginative and powerful alternative to funding biomedical research through grants. The flagship HHMI Investigator Program employs more than 316 HHMI researchers, among them 13 Nobel laureates and 161 members of the National Academy of Sciences. In the last decade, HHMI investigators have won 9 Nobel Prizes. These exceptional scientists direct Institute research laboratories on the campuses of 72 universities and other research organizations throughout the United States. Since the early 1990s, investigators have been selected through rigorous national competitions. Beginning in 2006, the Institute began soliciting applications directly from scientists at medical schools and other research institutions in the United States, with the aim of identifying those who have the potential to make significant contributions to science. HHMI employs an open application process to ensure that it is selecting its researchers from a broad and deep pool of scientific talent. In 2012, HHMI announced that it would seek to appoint up to 30 new HHMI investigators through a national open competition. The competition was open to eligible applicants in 2012 and HHMI will select finalists in 2013. The initiative represents an additional, annual investment of approximately \$200 million in basic biomedical research by the Institute. Once selected, HHMI investigators continue to be based at their home institutions, typically leading a research group of 10-25 students, postdoctoral associates and technicians, but they become Institute employees and are supported by HHMI field staff throughout the country. With freedom and flexibility come high expectations for intellectual output. HHMI demands creativity and innovation. Investigators are expected to work at the frontiers of their chosen field, to ask fundamental questions, and to take risks. HHMI prizes impact over publication volume in its merit-based renewal of investigator appointments and recognizes that some areas of research will proceed more slowly than others. The renewal of an investigator's five-year appointment is dependent on a rigorous peer-review process that centers on an evaluation of the originality and creativity of the investigator's work relative to others in the field, as well as the investigator's plan for future research. Those investigators whose appointments are not renewed remain HHMI employees for multi-year phase-out periods to facilitate their ability to obtain other funding for their research. A summary of research highlights and related information is attached. Highlights of research conducted, and awards received, by HHMI investigators during its year ended August 31, 2012 are included below. (B) Janelia Farm Research Campus The Janelia Farm Research Campus, open since 2006, offers a collaborative research environment for scientists across an array of disciplines who have focused on two broad scientific areas of scientific inquiry: the identification of general principles governing how neuronal circuits process information and development of imaging technologies and computational methods that support image analysis. It houses 53 laboratory groups, in addition to supporting graduate students and other scientific trainees, visiting scientists, and a vibrant scientific conference program. (C) Highlights from HHMI Research Laboratories (Fiscal Year 2012) (1) Demilitarized Zone Keeps Bacteria Where They Belong Lora V. Hooper, University of Texas Southwestern Medical Center http://www.hhmi.org/news/hooper20111013.html At least 100 trillion bacteria live in the mammalian gut, where they make essential contributions to food digestion and energy production. One thing that has puzzled scientists about this diverse microbial community</p>

Identifier	Return Reference	Explanation
Statement 1	Part III, Program Service, line 4a - Medical Research	<p>ity is how it avoids triggering chronic immune activation and inflammation. According to a new study in mice, an antibacterial protein called RegIIIγ is secreted by cells in the lining of the small intestine, killing any bacteria within a 50-micrometer radius - about the size of a speck of dust. The loss of this protective barrier, which the researchers call the 'demilitarized zone,' could be involved in inflammatory bowel disease or other diseases characterized by an inflamed intestine. (2) Genetic Controller Prepares Immune System for Diverse Threats Frederick W. Alt, Boston Children's Hospital http://www.hmm.org/news/alt20110911.html Because the immune system cannot predict what invaders it will confront, it must be prepared to fend off virtually any foreign pathogen. This means manufacturing billions of distinct antibodies and pathogen-recognizing receptors, a feat that immune cells manage by reshuffling the segments of a limited number of antibody-encoding genes. Scientists have now identified a genetic regulator that controls this reshuffling. Mutating the regulatory region causes a cell to create an incorrect mishmash of antibody parts. The finding is important not only for understanding how antibodies are made, but for understanding how gene regulation can be coordinated across distant regions of the genome. (3) Rival, Predator, Mate: Detecting the Chemical Cues Catherine Dulac, Harvard University http://www.hmm.org/news/dulac20110922.html The vomeronasal organ (VNO) is a tubular structure located in the nose of most mammals. It has long been assumed to be primarily devoted to detecting the pheromones that tell individuals how to behave in the presence of a member of their own species - whether to mate or fight, for example. By studying the response of neurons in the VNOs of mice to chemical cues collected from a variety of species, researchers have discovered that the VNO is also sensitive to predators and competitors. Most neurons and receptors in the VNO are actually dedicated to the detection of animals from other species, they found.</p>

Identifier	Return Reference	Explanation
Statement 1- continued	Part III, Program Service, line 4a - Medical Research	<p>(C) Highlights from HHMI Research Laboratories (Fiscal Year 2012) continued</p> <p>(4) Getting a Look at Toxic Amyloid Structures David Eisenberg, University of California, Los Angeles http://www.hhmi.org/news/eisenberg20120319.html In neurodegenerative diseases like Alzheimer's, the needle-like fibers that accumulate in the brain are not the real damage-doers. The culprits are intermediate protein structures, called small amyloid oligomers, made of a few proteins that misfold and aggregate. The oligomers' fleeting existence makes them nearly impossible to study. By taking advantage of one amyloid protein that forms fibers more slowly than most, scientists have pinned down the structure of an amyloid oligomer. The structure—a cylinder of six protein chains—is unlike any of the 70,000 structures catalogued in the Protein Data Bank.</p> <p>(5) New Clues to Brain Development David H Rowitch, University of California, San Francisco http://www.hhmi.org/news/rowitch20110928.html A new study concludes that in the subventricular zone of the human brain, where new brain cells are made throughout development, new cells are generated only until 18 months of age. The findings are different than what's been seen in rodents and birds, and could explain some of the complexity of the human brain, the researchers say. The work relied on a new collection of specially prepared brain samples established with HHMI support, which has also provided clues to why the brain can't reverse the cellular damage that results from certain diseases.</p> <p>(6) In the Brain, Each Taste has a Place Charles Zuker, Columbia University College of Physicians and Surgeons http://www.hhmi.org/news/zuker20110902.html A new map charts out the brain's representations of taste, revealing that each taste, from sweet to salty, is sensed by a unique set of neurons. Selectively-tuned cells in the tongue are specialized to detect each of the five senses - sweet, bitter, salty, sour, and umami. But how does the brain know what the tongue is sensing? By watching neurons in the brain fire as mice tasted sweet, bitter, salty, sour, or umami, or as the corresponding receptors on the tongue were stimulated, scientists have shown that each taste corresponds to a different hotspot in the brain.</p> <p>(7) Swatting Insects' Sense of Smell Leslie B Vosshall, The Rockefeller University http://www.hhmi.org/news/vosshall20110921.html The U.S. military developed DEET more than fifty years ago, and although it has been used to thwart mosquitoes and other bugs ever since, scientists have not really understood how it works. A new study in fruit flies suggests that DEET confuses insects by jamming their odor receptors. Understanding how the chemical works may help researchers develop compounds that are equally effective, but longer-lasting or more convenient to use - of particular importance in parts of the world where mosquitoes and the diseases they transmit are prevalent.</p> <p>(8) Reversing Sickle Cell Anemia Stuart H Orkin, Boston Children's Hospital http://www.hhmi.org/news/orkin20111013.html Not long after birth, human babies begin producing blood-bearing adult hemoglobin, the oxygen-carrying protein in blood. For children with sickle cell disease, the transition from the fetal to adult form of hemoglobin marks the onset of painful symptoms and anemia. Biomedical researchers have spent decades trolling for the basic molecular mechanisms that control the shift from fetal to adult hemoglobin. New research shows that silencing a protein known as BCL11A can reactivate fetal hemoglobin production and reverse sickle cell disease in adult mice. Knowing that BCL11A is one of the key players in regulating the production of fetal hemoglobin means the search for new drugs can shift to a higher gear, and that in the future, gene therapy for sickle cell disease may be feasible.</p> <p>(9) Record of Evolution in the Genome of a Spiny Fish David M Kingsley, Stanford University School of Medicine http://www.hhmi.org/news/kingsley20120404.html Biologists treasure the small fish known as three-spine sticklebacks for their lessons about the genetic changes that drive evolution. Researchers have sequenced the stickleback genome for the first time, and they have discovered that as fish in different parts of the world adapted to live in fresh water, the same sites in the genome were changed time and again. Researchers have disagreed as to whether changes to the segments of the genome that encode proteins or alterations to regulatory DNA are more important in spurring evolution. The team's analysis of the stickleback genome suggests that both kinds of changes occurred as the fish evolved, but regulatory changes were about four times as common.</p> <p>(10) Structural Clockwork of Circadian Rhythms Joseph S Takahashi, University of Texas Southwestern Medical Center http://www.hhmi.org/news/takahashi20120531.html Every 24 hours, millions of 'clocks' inside our cells reset, helping to tune sleep patterns, blood pressure, and metabolism.</p>

Identifier	Return Reference	Explanation
Statement 1- continued	Part III, Program Service, line 4a - Medical Research	<p>Scientists have now determined the three-dimensional structure of two proteins that help keep those clocks in sync. The activity of thousands of genes fluctuates over the course of a day to drive the body's circadian rhythms and the proteins CLOCK and BMAL1 are the key activators of that system. When CLOCK and BMAL1 bind to one another inside cells, they initiate the first genetic events that coordinate the 24-hour cycle. Knowing the structure of the CLOCK-BMAL1 complex will help researchers understand the intricacies of how this regulation is carried out and how mutations in the proteins cause the biological clock to go awry. (11) First Picture of a Protein Family Vital to Human Health K. Christopher Garcia, Stanford University School of Medicine http://www.hhmi.org/news/garcia20120601.html</p> <p>The 20 proteins in the Wnt family are some of the most important proteins that control how an organism develops and grows, and they have long been considered potential drug targets for cancer and other diseases. But since they were discovered 30 years ago, scientists have not known what Wnt proteins look like. This year, scientists solved the first structure of a Wnt protein, revealing an unexpected three-dimensional shape that offers clues to how the proteins function. The new structure also clarifies the nature of the protein's receptor target for drug developers working to design anti-Wnt therapies. (12) Camera Captures Life Taking Shape Cell-by-Cell Philipp J. Keller, Janelia Farm Research Campus http://www.hhmi.org/news/keller20120603.html</p> <p>A new imaging technology developed at HHMI's Janelia Farm Research Campus lets users track each cell in an embryo as it takes shape over hours or days, a transformation that involves intricate rearrangements and thousands of cell divisions. The technique captures images at high-speed and from four different angles, then compiles them to produce dramatic images of biology in action. In a single movie, comprising a million images captured over about 20 hours, viewers can see biological structures begin to emerge as a simple cluster of cells morphs into the elongated body of a fruit fly with tens of thousands of densely packed cells. (13) DNA-Slicing System Borrowed from Bacteria Jennifer A. Doudna, University of California, Berkeley http://www.hhmi.org/news/doudna20120628.html</p> <p>For bacteria, snipping apart DNA that bears certain signature sequences is a defense mechanism. For scientists working in the lab, the same strategy can be a powerful research tool. Scientists have identified a method some bacteria use to guide a DNA-cutting enzyme to specific sites in the genomes of viruses and other invaders. From this bacterial complex, they have crafted a system in which an easily programmable guide RNA can be used to direct cleavage of double-stranded DNA at a desired target sequence. The system can be customized for a variety of applications, such as engineering biofuel-producing microorganisms or enabling cell-based medical therapies. (14) Kinetochore Structure Reveals How It Takes Hold Tamir Gonen, Janelia Farm Research Campus http://www.hhmi.org/news/gonen20120820.html</p> <p>When cells divide, it is crucial that the resulting daughter cells receive the same genetic information contained in the parent. To enable this, cells prepare to divide by making copies of their chromosomes. As the cell elongates, pairs of identical chromosomes separate and each partner is drawn toward an opposite end of the cell by a component of the cellular skeleton known as a microtubule. To form an attachment site for the microtubule, hundreds of proteins come together on the chromosome to assemble the kinetochore complex. With the first-ever three-dimensional image of an isolated kinetochore, scientists can now see how the machine establishes and maintains its grip, even as the microtubule tip it holds on to shrinks away.</p>

Identifier	Return Reference	Explanation
Statement 1- continued 2	Part III, Program Service, line 4a - Medical Research	<p>(D) Honors and Awards Received by HHMI Scientists (1) Horwich Wins Lasker Award and Shaw Prize HHMI investigator Arthur L. Horwich at Yale University and Franz-Ulrich Hartl of the Max Planck Institute of Biochemistry shared the 2011 Albert Lasker Basic Medical Research Award. The Lasker Awards - considered among the most respected science prizes in the world - honor visionaries whose insight and perseverance have led to dramatic advances that will prevent disease and prolong life. Horwich and Hartl were honored for discovering that proteins cannot fold inside cells by themselves. They determined that a protein - dubbed "chaperonin" because of its assisting role - acts as a cage-like folding "machine" that provides a safe place for proteins to fold, away from outside interference. The Shaw Prize Foundation also awarded Arthur L. Horwich, and Dr. Hartl the \$1 million Shaw Prize in Life Science and Medicine in recognition of their contributions to the understanding of the molecular mechanism of protein folding. (2) 2012 Gairdner Awards Go to Jessell, Rosbash The Gairdner Foundation selected HHMI researchers Thomas M. Jessell and Michael Rosbash as recipients of the prestigious 2012 Canada Gairdner International Awards in recognition of their contributions to medical science. The awards, which are presented annually, recognize scientists responsible for some of the world's most significant medical discoveries. Jessell, an HHMI investigator at Columbia University, was honored for discovering basic principles of communication within the nervous system. The Foundation states that Jessell's work has been instrumental in revealing important steps in the process that guides the early development of neurons, as they establish the precise connections between the spinal cord and muscles. Rosbash, an HHMI investigator at Brandeis University, was highlighted for discoveries that have revealed the genetic underpinnings of the circadian clock. Circadian clocks are active throughout the body's cells, where they use a common genetic mechanism to control the rhythmic activities of various tissues. Rosbash, Jeffrey C. Hall, emeritus professor of biology at Brandeis University, and Michael W. Young of the Laboratory of Genetics at The Rockefeller University, were honored by the Gairdner Foundation for pioneering discoveries concerning the biological clock responsible for circadian rhythms. (3) Carroll Wins Franklin Institute Award Sean B. Carroll, HHMI's vice president for science education and a long-time HHMI investigator, has been awarded the 2012 Benjamin Franklin Medal in Life Science from the Franklin Institute. The Franklin Institute Awards are among the oldest and most prestigious science awards in the world, and recipients are recognized for their formidable and ground-breaking contributions to science. The international awards have been bestowed upon such luminaries as Albert Einstein, Thomas Edison, Marie and Pierre Curie, Orville Wright, Jane Goodall, and more recently Bill Gates. (4) Druker Receives Japan Prize The Japan Prize Foundation announced that HHMI investigator Brian Druker was one of four scientists to receive the 2012 Japan Prize, one of the world's most prestigious awards in science and technology. Druker, who is at Oregon Health and Science University, was honored with Janet Rowley of the University of Chicago and Nicholas Lydon of Blueprint Medicines for their contribution to the "development of a new therapeutic drug targeting cancer-specific molecules," according to the prize citation. (5) Trio Share 2012 Kavli Prize in Neuroscience The Norwegian Academy of Sciences and Letters awarded the 2012 Kavli Prize in Neuroscience to Cornelia Bargmann, an HHMI investigator at Rockefeller University, Winfried Denk, a senior fellow at the Janelia Farm Research Campus who is also at the Max Planck Institute for Medical Research, and Ann M. Graybiel of the Massachusetts Institute of Technology. The three scientists, who are recognized for elucidating basic neuronal mechanisms underlying perception and decision, will share an award of one million dollars. The Kavli Prizes, which have been awarded biennially since 2008, recognize scientists for seminal advances in astrophysics, nanoscience, and neuroscience. They are awarded through a partnership between the Norwegian Academy of Science and Letters, the Kavli Foundation and the Norwegian Ministry of Education and Research. (6) HHMI Scientists Join National Academy of Sciences Twelve HHMI investigators, an HHMI-Gordon and Betty Moore Foundation investigator, and an HHMI Early Career Scientist have been elected to the National Academy of Sciences. The scientists are Nancy M. Bonini, University of Pennsylvania, Karl Deisseroth, Stanford University, Xinnian Dong, Duke University, Gideon Dreyfuss, University of Pennsylvania School of Medicine, Evan E. Eichler, University of Washington School of Medicine, K. Christopher Garcia, Stanford University School of Medicine, Rac</p>

Identifier	Return Reference	Explanation
Statement 1- continued 2	Part III, Program Service, line 4a - Medical Research	<p>hel Green, Johns Hopkins School of Medicine, Gregory J Hannon, Cold Spring Harbor Laborat ory, Liqun Luo, Stanford University, Roy Parker, University of Arizona, Nikola P Pavletic h, Memorial Sloan Kettering Cancer Center, Louis J Pt?ek, University of California, San F rancisco, Alexander Y Rudensky, Memorial Sloan Kettering Cancer Center, and Xiaowei Zhuan g, Harvard University (7) Quake Awarded Lemelson-MIT Prize HHMI investigator Stephen Quak e, who is at Stanford University, has been named recipient of the 2012 \$500,000 Lemelson-MIT Prize, which honors outstanding mid-career inventors dedicated to improving the world t hrough technological invention Quake is being recognized for his work in drug discovery, genome analysis and personalized medicine (8) Seven HHMI Researchers Elected to Institute of Medicine Elected this year to the National Academy of Sciences' Institute of Medicine were HHMI investigators Frederick W Alt, Children's Hospital Boston, Carolyn R Bertozzi, University of California, Berkeley, Vivian G Cheung, University of Pennsylvania School o f Medicine, George Q Daley, Children's Hospital Boston, Richard L Haganir, Johns Hopkins University School of Medicine, Jeremy Nathans, Johns Hopkins University School of Medicin e, and Li-Huei Tsai Massachusetts Institute of Technology (9) Bassler and Dixon Elected t o Royal Society HHMI investigator Bonnie Bassler of Princeton University and Jack E Dixon , HHMI's vice president and chief scientific officer, were elected foreign members of the Fellowship of the Royal Society, the world's oldest scientific academy Bassler has made s eminal studies of the process of cell-cell signaling in bacteria that have revolutionized the study of microbiology Dixon's research has focused on a group of proteins called prot ein tyrosine phosphatases that govern a key biochemical reaction in which a phosphate grou p is added to another protein The reaction, called phosphorylation, serves as a signaling mechanism betw een living cells</p>

Identifier	Return Reference	Explanation
Statement 2	Part III, Program Service, line 4b - Science Education Programs	<p>Science Education Programs (A) Graduate Science Education and Medical Research Training (B) Precollege and Undergraduate Science Education Program (C) Educational Resources (D) Tan gled Bank Studios (E) eLife - Open Access Journal HHMI's Department of Science Education e mphasizes initiatives with the power to transform graduate, undergraduate, and precollege education in the life sciences HHMI is the largest private funder of science education in the United States During the fiscal year ended August 31, 2012, the Institute distribute d \$62 million in grants to support science education The Institute's science education pr ograms support ties between scientific research and teaching with the goal of increasing a nd enhancing student research opportunities, improving science courses, curricula, and ins truction, and providing enhanced graduate and medical training opportunities Most HHMI gr ants are awarded through competitions with specific objectives and eligibility criteria an d awards are generally made following a stringent process of peer review HHMI does not en courage and rarely funds unsolicited grant proposals HHMI's educational activities are fu nded through three major programs, the goals of each program and the major activities for the year are summarized below (A) Graduate Science Education and Medical Research Trainin g This program focuses on the development of innovative graduate education programs throug h grants to institutions It also supports research fellow ships for medical students, doct oral fellow ships for students who are disadvantaged or from groups underrepresented in the sciences, and awards research grants to physician-scientists at the outset of their caree rs as independent scientists 70 medical, dental, and veterinary students were selected to participate in the Medical Research Fellow s Program The fellow ships enable students to t ake a year off from professional school to conduct laboratory research The hope is that t hese students will one day choose to work at the crossroads of basic and clinical research To expand the program, HHMI has entered into partnerships with several foundations that fund students who have specific research interests The Foundation Fighting Blindness will support tw o medical research fellow s conducting research in the area of retinal degenerat ive diseases One student each will be supported by the Burroughs Wellcome Fund (veterinar y research), the GM Trust (Duchenne muscular dystrophy research), and the Society of Inter ventional Radiology Foundation (preclinical interventional radiology research) Nine promi sing students were selected as recipients of HHMI's Gilliam Fellowships for Advanced Study The fellowships provide full support for up to five years of study tow ard a Ph D in the sciences to students who are disadvantaged or who come from groups underrepresented in th e sciences The Gilliam Fellow s Program, which is now in its sixth year, aims to enrich sc ience research and increase the diversity of college and university faculty members by sup porting the education of top student scientists who will themselves either become professo rs or are committed to creating a more diverse academic community Fellowship recipients p reviously participated in HHMI's Exceptional Research Opportunities Program (EXROP), which provides summer research experiences in HHMI laboratories HHMI also selected 50 exceptio nally promising graduate students from 19 countries to receive International Student Resea rch Fellow ships This support will enable these individuals to devote their full attention to research during their third, fourth, and fifth year of graduate school Total HHMI fun ding for this year's fellow ships is more than \$2 million HHMI began this program because it recognized that international students in U S graduate schools often have difficulty g etting funding to support their studies The fellow ships are designed to fund the students ' graduate education at a pivotal point in their scientific careers when they delve into i ntense laboratory research for their doctoral dissertations (B) Precollege and Undergradu ate Science Education Program Through this program, HHMI seeks to recruit and develop the future leaders of science, science education, and enhance science literacy among all stude nts Precollege grants support teacher training and inquiry-based student learning Grants to colleges and universities support undergraduate student research, faculty and curricul um development, and science education outreach activities Through the HHMI professors pro gram, HHMI provides support to distinguished scientists with a commitment to teaching In the 2012 fiscal year HHMI selected 47 small colleges and universities in the United State s as the recipients of grants totaling more than \$50 million that will enable the schools to work together to create more engaging science classes, bring real-world research experi ences to students, and increase the diversity of s</p>

Identifier	Return Reference	Explanation
Statement 2	Part III, Program Service, line 4b - Science Education Programs	<p>tudents who study science. Each four-year grant is in the range of \$800,000 to \$1.5 million - an amount that can have a big impact at these schools, which are collectively described as "primarily undergraduate institutions," or PUIs. A total of 60 college students were selected to participate in HHMI's Exceptional Research Opportunities Program (EXROP). The EXROP program provides summer research experiences in the labs of HHMI investigators, professors, and at the Janelia Farm Research Campus. Now in its tenth year, the EXROP program is designed to encourage the students to pursue careers in science.</p> <p>(C) Educational Resources. This program produces science education materials that feature some of the cutting-edge research conducted by HHMI investigators and other scientists. The materials are designed primarily for the nation's high school biology students and their teachers, but they also find an audience among the general public and undergraduate-level students and educators. The 2011 Holiday Lectures on Science in December 2011 featured three of the nation's top scientists who discussed, "Bones, Stones, and Genes: The Origin of Modern Humans." Tim White, a paleoanthropologist at the University of California, Berkeley, John Shea, an archaeologist and anthropologist at Stony Brook University, and Sarah Tishkoff, a geneticist at the University of Pennsylvania, delivered their lectures live to an audience of nearly 200 high school students from the Washington, DC area. Those lectures are later made available to a national and international audience through the distribution of free DVDs and the development of accompanying teaching materials. Each year, more than 100,000 copies of the DVDs are distributed, the supporting website receives more than two million visits each year. At the National Association of Biology Teachers annual meeting, HHMI unveiled three short science films that use vivid storytelling to teach the vital concepts of adaptation and natural selection. The films were created for use in classrooms and cover a wide range of current topics in evolutionary biology. The films, produced by HHMI's Biointeractive team and the Institute's new film production unit, each run for about 10 minutes, a length optimized for use in the classroom. The first three films in the "Making of the Fittest" series were provided to teachers at the premiere and have been made available to the wider education community for download or DVD order. The Holiday Lectures and short science films are all available on the Biointeractive website, www.hhmi.org/biointeractive.</p>

Identifier	Return Reference	Explanation
Statement 2-continued	Part III, Program Service, line 4b - Science Education Programs	<p>(D) Tangled Bank Studios Launched in July 2011, Tangled Bank Studios, LLC, HHMI's documentary film production unit, aims to bring high-quality, educational science features to television. The film production unit is working with producers and broadcasters to produce and distribute informative films, about such topics as evolution, biology and earth science. A series of short-form films and materials for science educators will be produced in tandem. The film production unit is an initiative of the HHMI science education department, whose mission is to enhance education about all fields of science. Michael Rosenfeld, head of television and film at HHMI, is leading the initiative, working with writer and producer David Elisco as director of development. Rosenfeld, Elisco and colleagues currently have several projects in production and development for broadcast on PBS.</p> <p>(E) eLife - Open Access Journal HHMI, the Max Planck Society, and the Wellcome Trust have supported the establishment of a new, top tier scientific journal called eLife. The online journal is following an open access model and is directed by practicing scientists. eLife Sciences Publications, Ltd. is an independent non-profit entity governed by a separate board of directors. In 2012, eLife announced its senior editorial team. Editor-in-chief Randy Schekman and managing executive editor Mark Patterson will be joined by deputy editors, Fiona Watt, currently at the University of Cambridge, UK, and Detlef Weigel from the Max Planck Institute for Developmental Biology, Tübingen, Germany. They will be supported by around 15-20 senior editors - researchers who represent a broad range of biomedical and life science research fields. Also in 2012, the editorial board of eLife announced the names of the more than 150 reviewing editors who will help deliver on the initiative's commitment to change peer review. Additional information about eLife can be found at www.elifesciences.org.</p>

Identifier	Return Reference	Explanation
Statement 3	PART III, Program Service, Line 4c - Support for International Science	<p>Support for International Science (A)International Early Career Scientist Program (B)International Student Research Fellowships Program (C)The KwaZulu-Natal Research Institute for Tuberculosis and HIV (K-RITH) (A) International Early Career Scientist Program In 2012, HHMI began the International Early Career Scientist Program, which awards each selected scientist \$650,000 over a period of five years with the goal of helping these talented individuals establish independent research programs. In this pilot program, HHMI identified scientists who are, or have the potential to become, scientific leaders. The 28 HHMI International Early Career scientists are at 22 institutions in 12 countries. Each scientist who was selected has directed his or her own laboratory for less than seven years. The countries represented by the HHMI International Early Career scientists are Argentina, Brazil, Chile, China, Hungary, India, Italy, Poland, Portugal, South Africa, Spain, and South Korea. (B) International Student Research Fellowships Program In 2012, HHMI awarded more than \$2 million in fellowships to 50 promising graduate students from 19 countries. The fellowships are designed to fund the students' graduate education at a pivotal point in their scientific careers - a time when they delve into intense laboratory research for their doctoral dissertations. (C) The KwaZulu-Natal Research Institute for Tuberculosis and HIV (K-RITH) HHMI, in partnership with the University of KwaZulu-Natal (UKZN) in South Africa, has established an international research center focused on making major scientific contributions to the worldwide effort to control the devastating co-epidemic of tuberculosis (TB) and HIV. The KwaZulu-Natal Research Institute for Tuberculosis and HIV (K-RITH) is placing a major emphasis on establishing a world-class research program focused on the scientific discoveries about the infecting organisms and helping to train a new generation of scientists in Africa. HHMI has committed over \$70 million to K-RITH over 10 years, including support provided during its fiscal year ended August 31, 2012. UKZN is making substantial financial and in-kind commitments to K-RITH as well. The need for more research on TB and HIV is substantial. South Africa has more residents infected with HIV than any other nation in the world. The nation, which accounts for <1% of the world's population, accounts for 17 percent of the global HIV disease burden- an estimated 5.4 million people are infected. In addition, it has one of the highest per capita rates of TB in the world. Tuberculosis, a major problem in the pre-AIDS South Africa, emerged as a public health crisis in its own right, particularly with the emergence of both multi-drug resistant (MDR) and extensively drug resistant (XDR) strains of TB, especially in persons already infected with HIV. K-RITH, which was registered in 2011 as an independent non-profit association incorporated under South African law, formally opened its new research building in 2012 on the campus of the Nelson R Mandela School of Medicine in Durban. The new facility includes high-level biosafety (BSL-3) laboratories equipped for HIV and TB research. K-RITH has been actively recruiting early career and established research scientists, in addition to awarding grants to support collaborative research and educational activities between South African scientists and their international colleagues. K-RITH aims to be fully established and integrated into the overall South African and global research enterprise by 2018.</p>

Identifier	Return Reference	Explanation
Goverance Document Changes	Core Form, Part VI, Section A, Line 4	The Institute's Certificate of Incorporation was Amended & Restated on February 21, 2012 to update provisions in accordance with changes in Delaw are law and to restate prior amendments into a single, restated Certificate of Incorporation The Institute's Bylaws were amended by its Trustees on February 7, 2012 to update certain provisions in accordance with the changes in Delaw are law and to clarify procedures relating to indemnification rights provided for in the Bylaws

Identifier	Return Reference	Explanation
Tax Exempt Bond Liabilities Supplemental Information	Schedule K, Part VI	PART I The bond issued February 27, 2003 and described in A also includes CUSIPS 545910AM3, 545910AG6, 545910AH4, 545910AJ0, and 545910AK7 PART II, Line 3 The bonds issued in A, B and C included interest income that made up the difference between the amount of the bond issue and the total proceeds PART IV \$375 million of the \$500 million of swaps pertaining to this bond were integrated The other swaps were Bank of America (30 years), Goldman (30 years), JP Morgan (35 years) and JP Morgan Chase (30 years) PART IV, Line 3 Yes, In part

Identifier	Return Reference	Explanation
HOURS DEVOTED FOR RELATED ORGANIZATION	FORM 990 PART VII	NAME James A Baker, III, Esq TITLE Trustee HOURS

SCHEDULE R
(Form 990)

Department of the Treasury
Internal Revenue Service

Related Organizations and Unrelated Partnerships

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

OMB No 1545-0047

2011

Open to Public Inspection

Name of the organization
HOWARD HUGHES MEDICAL INSTITUTE

Employer identification number
59-0735717

Part I

Identification of Disregarded Entities (Complete if the organization answered "Yes" on Form 990, Part IV, line 33.)

(a) Name, address, and EIN 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
See Additional Data Table					

Part II

Identification of Related Tax-Exempt Organizations (Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related tax-exempt organizations during the tax year.)

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Exempt Code section	(e) Public charity status (if section 501(c)(3))	(f) Direct controlling entity	(g) Section 512(b)(13) controlled organization	
						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.)

(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	
See Additional Data Table												

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
(1) HHMI Real Estate Inc 4000 Jones Bridge Road Chevy Chase, MD 20815 20-3967202	Investment	DE	HHMI	C Corp	16,747,718	8,335,046	100 000 %
(2) Pleasant Valley Investments LP 80 Raffles Place 35-41UOB Plaza 1 Singapore 048624 SN 98-0586696	Investment	CJ	HHMI	For LP/US Corp	-8,396,719	29,387,078	51 000 %

Part V

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

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

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 (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

Sale of assets to related organization(s)

g

Purchase of assets from related organization(s)

h

Exchange of assets with related organization(s)

i

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

j

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

k

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

l

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

m

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

n

Sharing of paid employees with related organization(s)

o

Reimbursement paid to related organization(s) for expenses

p

Reimbursement paid by related organization(s) for expenses

q

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

r

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

Yes

No

1a

1b

1c

1d

1e

1f

1g

1h

1i

1j

1k

1l

1m

1n

1o

1p

1q

1r

No

Yes

No

No

No

No

No

No

No

No

No

No

No

No

No

No

Yes

Yes

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

(a) Name of other organization	(b) Transaction type(a-r)	(c) Amount involved	(d) Method of determining amount involved
(1) See Additional Data Table			
(2)			
(3)			
(4)			
(5)			
(6)			

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

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

Identifier	Return Reference	Explanation	
------------	------------------	-------------	--

Software ID:

Software Version:

EIN: 59-0735717

Name: HOWARD HUGHES MEDICAL INSTITUTE

Form 990, Schedule R, Part I - Identification of Disregarded Entities

(a) Name, address, and EIN 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
HHMI Cayman I Company Walker Walkers House Mary Street George Town, Grand Cayman CJ	Investment	CJ	5,253,737	720,000	HHMI
HHMI II LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	40,949,774	357,341,422	HHMI
HHMI IV LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-4,300	46,593	HHMI
HHMI V LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-5,914,799	12,018	HHMI
HHMI XII LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-3,447	25,700	HHMI
HHMI XVI LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	1,509,291	484,708,163	HHMI
Sprugos Mauritius I Ltd 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	MP	-12,367,788	93,922,730	HHMI
Sprugos Investments II LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-22,616,679	111,471,497	HHMI
Sprugos Investments V LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-22,022,846	154,199,355	HHMI
Sprugos Investments VII LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-13,694,199	166,125,214	HHMI
Sprugos Investments VIII LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Sprugos Investments X LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-8,560,964	146	HHMI
Sprugos Investments XI LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-4,702,022	130,510,809	HHMI
Sprugos Investments XII LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-7,839,078	26,391,524	HHMI
Sprugos Investments XIII LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-4,467,068	23,382,664	HHMI
Private Equity Holding LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Private Equity Holding-Ahead LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-685,834	4,508,720	HHMI
Private Equity Holding-Alexa LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-431,186	28,446	HHMI
Private Equity Holding-CS Capital LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	3,774,768	18,568,467	HHMI
Private Equity Holding-Eurocastle LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	-50,545	3,955,297	HHMI

Form 990, Schedule R, Part I - Identification of Disregarded Entities

(a) Name, address, and EIN 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
Private Equity Holding-Favrille LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Private Equity Holding-KAP LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE		1	HHMI
Private Equity Holding-Royce LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	7	3,465	HHMI
Private Equity Holding-Storeretro LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE		1	HHMI
Private Equity Holding-Xenoport LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Fortress Pinnacle Investment Fund I LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Janelia Farm Holding LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	VA			HHMI
Selden Island Holding LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	VA			HHMI
HHMI I LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
HHMI III LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
HHMI VI LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
HHMI VII LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	1,573,074	29,019,281	HHMI
HHMI VIII LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
HHMI IX LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
HHMI X LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
HHMI XI LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
HHMI XIII LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
HHMI XIV LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
HHMI XV LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Sprugos Investments LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI

Form 990, Schedule R, Part I - Identification of Disregarded Entities

(a) Name, address, and EIN 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
Sprugos Investments III LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Sprugos Investment IV LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Sprugos Investment VI LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Sprugos Investments IX LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Sprugos-French LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Private Equity Holding II LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Private Equity Holding III LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
Relative Value Strategies LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE			HHMI
PSG LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Investment	DE	286,788	35,256,626	HHMI
HHMI-SA LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Research	DE		576,509	HHMI
Tangled Bank Studios LLC 4000 Jones Bridge Road Chevy Chase, MD 20815	Film Prod	DE			HHMI
K-RITH Real Estate Holding LLC 4000 Jones Bridge Rd Chevy Chase, MD 20815	Real Estate	DE			HHMI

Form 990, Schedule R, Part III - Identification of Related Organizations Taxable as a Partnership

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal Domicile (State or Foreign Country)	(d) Direct Controlling Entity	(e) Predominant income (related, unrelated, excluded from tax under sections 512-514)	(f) Share of total income (\$)	(g) Share of end- of-year assets (\$)	(h) Disproportionate allocations?		(i) Code V-UBI amount on Box 20 of K-1 (\$)	(j) General or Managing Partner?		(k) Percentage ownership
							Yes	No		Yes	No	
Leland Hughes Investment Fund LLC 4000 Jones Bridge Road Chevy Chase, MD 20815 06-1746533	Investment	DE	HHMI	EXCLUDED	-18,912			No			No	54 000 %
HH Ellington Master Fund LTD 53 Forest Avenue Old Greenwich, CT 06870 98-1020904	Investment	CT	HHMI	EXCLUDED	75,322	39,934,752		No			No	97 000 %
Alchemy Plan (Aviator) LP Trafalgar Court Les Banques St Peter Port GY1 3QL GK 98-0186264	Investment	GK	HHMI	EXCLUDED	-479,693	232,169		No			No	99 000 %
JP Morgan Global Emerging Markets Fund L 245 Park Avenue New York, NY 10167 04-3395941	Investment	NY	HHMI	EXCLUDED	26,132,377	174,450,950		No			No	45 000 %
GEM HLT CO-INV Fund LP 900 North Michigan Avenue Suite 14 Chicago, IL 60611 26-3195475	Investment	IL	HHMI	EXCLUDED	1,545,615	21,105,745		No			No	62 000 %
HHMI Investment LP 300 Crescent Court Suite 1111 Dallas, TX 75201 20-3752378	Investment	DE	HHMI	EXCLUDED	1,325,265	158,000,597		No			No	97 000 %
Harrington Partners LP 601 Carlson Pkwy Suite 200 Minnetonka, MN 55305 20-1953018	Investment	MN	HHMI	EXCLUDED	20,037,767	67,715,242		No	3,411,365		No	48 000 %
Luminus Credit Opportunities PIE I LP 1700 Broadway 38th Floor New York, NY 10019 26-1963557	Investment	NY	HHMI	EXCLUDED	34,055,392	130,606,269		No			No	99 000 %
Oz Global Credit Overseas Fund I LP PO Box 309 Ugland House Grand Cayman CJ 98-0581241	Investment	CJ	HHMI	EXCLUDED	2,599,111			No			No	97 000 %

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

(a) Name of other organization		(b) Transaction type(a-r)	(c) Amount Involved (\$)	(d) Method of determining amount involved
(1)	HHMI Real Estate Inc	q	9,809,141	
(2)	Pleasant Valley Investments LP	q	8,973,608	
(3)	HH Ellington Master Fund LTD	b	40,000,000	
(4)	HHMI Investment LP	b	2,595,216	
(5)	Alchemy Plan (Aviator)LP	r	757,508	
(6)	GEM HLT Co-inv Fund LP	r	1,000,000	
(7)	Harrington Partners LP	r	50,801,491	
(8)	Luminus Credit Opportunities PIE I LP	r	43,623,313	
(9)	O Z Global Credit Overseas Fund I LP	r	86,226,114	

Additional Data

Software ID:

Software Version:

EIN: 59-0735717

Name: HOWARD HUGHES MEDICAL INSTITUTE

Form 990, Special Condition Description:

Special Condition Description

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	(C) Position (check all that apply)						(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			
James A Baker III Esq Trustee	2 0	X						40,000	0	0
Charlene Barshefsky Esq Trustee	2 0	X						40,000		0
Joseph L Goldstein MD Trustee	2 0	X						45,250		0
Hanna H Gray PhD Trustee	2 0	X						40,000		0
Garnett L Keith Trustee, Chairman Finance Comm	4 0	X						50,000		0
Fred R Lummis Trustee	2 0	X						40,000		0
Paul M Nurse PhD Trustee	2 0	X						41,000		0
Alison M Richard PhD Trustee, Chairman Ed&Intl Comm	2 0	X						50,000		0
Clayton S Rose PhD Trustee, Chairman Audit & Comp	6 0	X						50,000		0
Kurt L Schmoke Esq Trustee, Chairman	6 0	X						60,000		0
Anne M Tatlock Trustee	2 0	X						40,000		0
Robert Tjian PhD President	40 0			X				1,148,137		51,300
Cheryl A Moore Executive VP & COO	40 0			X				903,169		37,709
Craig A Alexander Esq VP, General Counsel&Secretary	40 0			X				566,178		24,608
Sean B Carroll PhD VP for Science Education	40 0			X				844,826		41,650
Jack E Dixon PhD VP & Chief Scientific Officer	40 0			X				757,642		50,648
Mohamoud Jibrell VP for Information Technology	40 0			X				289,061		36,286
Nitin V Kotak VP,CFO&Treasurer	40 0			X				321,827		34,270
Avice A Meehan VP, Communications-thru 3/12	40 0			X				411,616		31,859
Gerald M Rubin PhD VP&Exec Director, Janelia Farm	40 0			X				676,526		105,840
Landis Zimmerman VP & Chief Investment Officer	40 0			X				1,334,261		22,920
Heidi E Henning Esq Deputy Gen Counsel & Asst Sec	40 0			X				421,685		42,204
Susan S Plotnick Assistant Treasurer	40 0			X				220,712		22,444
Monique L Marcus Assistant Controller-Eff 11/11	40 0			X				28,461		6,423
Richard A Pender Man Dir - US Equities	40 0				X			903,725		20,006

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	(C) Position (check all that apply)						(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			
Robert J Kolyer Jr Man Dir - Absolute Return	40 0				X			689,251		44,873
Stephen M Kitsoulis Man Dir - Fixed Income	40 0				X			592,071		43,502
Mark A Barnard Man Dir - Private Equities	40 0				X			522,638		43,986
William R Bishai PhD Director, K-RITH	40 0					X		609,663		41,496
Anil Madhok Man Dir - Investments & COO	40 0					X		557,989		36,246
Eric R Kandel MD Senior Investigator	40 0					X		534,936		51,923
Matthew R Lee Man Dir - Portfolio Strategies	40 0					X		532,329		38,074
Roderick Mackinnon MD Investigator	40 0					X		450,926		45,512
Peter J Bruns PhD Consultant	1 0						X	124,750		0
Thomas R Cech PhD Investigator	40 0						X	962,705		22,407
David A Clayton PhD Group Leader	40 0						X	108,586		20,397
Robert C Mullins Controller - Ret 11/11	40 0						X	246,292		34,609
Edward J Palmerino VP Finance&Treasurer-Ret 4/11	40 0						X	375,974		14,270