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Part III

Statement of Program Service Accomplishments

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

☐ Yes ☒ No

1

Briefly describe the organization’s mission

SEE SCHEDULE O

2

Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ?

☐ Yes ☒ No

If “Yes,” describe these new services on Schedule O

3

Did the organization cease conducting, or make significant changes in how it conducts, any program services?

☐ Yes ☒ No

If “Yes,” describe these changes on Schedule O

4

Describe the organization’s program service accomplishments for each of its three largest program services, as measured by expenses Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported

4a

(Code ) (Expenses \$ 67,972,031 including grants of \$ 3,867,999 ) (Revenue \$ 265,874 )

SIMR'S ACCOMPLISHMENTS ARE DESCRIBED IN SCHEDULE O

4b

(Code ) (Expenses \$ including grants of \$ ) (Revenue \$ )

4c

(Code ) (Expenses \$ including grants of \$ ) (Revenue \$ )

4d

Other program services (Describe in Schedule O )
















(Expenses \$ including grants of \$ ) (Revenue \$ )

4e

Total program service expenses ▶ 67,972,031

Part IV

Checklist of Required Schedules

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

Part IV

Checklist of Required Schedules (continued)

21	Did the organization report more than \$5,000 of grants and other assistance to any government or organization in the United States on Part IX, column (A), line 1? <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, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J</i> . . . . .	23	Yes	
24a	Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25</i> . . . . .	24a		No
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception? . . . .	24b		
c	Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds? . . . . .	24c		
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year? . . . .	24d		
25a	<b>Section 501(c)(3) and 501(c)(4) organizations.</b> 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, highest 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 employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III</i> . . . . .	27		No
28	Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions)			
a	A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i> . . . . .	28a		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	Yes	
c	An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV</i> . . . . .	28c	Yes	
29	Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i> . . . . .	29	Yes	
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i> . . . . .	30		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		No
34	Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1</i> . . . . .	34	Yes	
35a	Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a	Yes	
b	If 'Yes' to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2</i> . . . . .	35b	Yes	
36	<b>Section 501(c)(3) organizations.</b> 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 11b and 19? <b>Note.</b> All Form 990 filers are required to complete Schedule O . . . . .	38	Yes	

Part V

Statements Regarding Other IRS Filings and Tax Compliance

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

		Yes	No
1a	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable.	31	
1b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable.	0	
c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	1c	Yes
2a	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return.	2a	379
b	If at least one is reported on line 2a, did the organization file all required federal employment tax returns? <b>Note.</b> 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	No
b	If "Yes," has it filed a Form 990-T for this year? If "No," provide an explanation in Schedule O.	3b	
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)?	4a	No
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 as charitable contributions?	6a	No
b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?	6b	
7	<b>Organizations that may receive deductible contributions under section 170(c).</b>		
a	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?	7a	No
b	If "Yes," did the organization notify the donor of the value of the goods or services provided?	7b	
c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	7c	No
d	If "Yes," indicate the number of Forms 8282 filed during the year.	7d	
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	7e	No
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	7f	No
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?	7g	
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?	7h	
8	<b>Sponsoring organizations maintaining donor advised funds and section 509(a)(3) supporting organizations.</b> 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	<b>Sponsoring organizations maintaining donor advised funds.</b>		
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	<b>Section 501(c)(7) organizations.</b> Enter		
a	Initiation fees and capital contributions included on Part VIII, line 12.	10a	
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities.	10b	
11	<b>Section 501(c)(12) organizations.</b> Enter		
a	Gross income from members or shareholders.	11a	
b	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them).	11b	
12a	<b>Section 4947(a)(1) non-exempt charitable trusts.</b> Is the organization filing Form 990 in lieu of Form 1041?	12a	
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year.	12b	
13	<b>Section 501(c)(29) qualified nonprofit health insurance issuers.</b>		
a	Is the organization licensed to issue qualified health plans in more than one state? <b>Note.</b> See the instructions for additional information the organization must report on Schedule O.	13a	
b	Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans.	13b	
c	Enter the amount of reserves on hand.	13c	
14a	Did the organization receive any payments for indoor tanning services during the tax year?	14a	No
b	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O.	14b	

Part VI

Governance, Management, and Disclosure

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

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

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year	7	
If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O			
1b	Enter the number of voting members included in line 1a, above, who are independent	0	
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?	2	Yes
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors or trustees, or key employees to a management company or other person?	3	No
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4	No
5	Did the organization become aware during the year of a significant diversion of the organization's assets?	5	No
6	Did the organization have members or stockholders?	6	No
7a	Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?	7a	No
7b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	7b	No
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following		
8a	The governing body?	8a	Yes
8b	Each committee with authority to act on behalf of the governing body?	8b	Yes
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O	9	No

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

		Yes	No
10a	Did the organization have local chapters, branches, or affiliates?	10a	No
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?	10b	
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	11a	Yes
11b	Describe in Schedule O the process, if any, used by the organization to review this Form 990		
12a	Did the organization have a written conflict of interest policy? If "No," go to line 13	12a	Yes
12b	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12b	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	12c	Yes
13	Did the organization have a written whistleblower policy?	13	Yes
14	Did the organization have a written document retention and destruction policy?	14	Yes
15	Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?		
15a	The organization's CEO, Executive Director, or top management official	15a	Yes
15b	Other officers or key employees of the organization	15b	Yes
If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions)			
16a	Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?	16a	No
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?	16b	

Section C. Disclosure

17	List the States with which a copy of this Form 990 is required to be filed
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 <input type="checkbox"/> Other (explain in Schedule O)
19	Describe in Schedule O whether (and if so, how), the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year
20	State the name, physical address, and telephone number of the person who possesses the books and records of the organization J SCOTT PETTET 1000 E 50TH STREET KANSAS CITY, MO (816) 926-4000

Part VII

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

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

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

- 1a Complete this table for all persons required to be listed Report compensation for the calendar year ending with or within the organization's tax year
- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation Enter -0- in columns (D), (E), and (F) if no compensation was paid

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

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

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

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

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

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

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(1) JAMES E STOWERS JR DIRECTOR	2 0 4 0	X						0	0	0
(2) VIRGINIA G STOWERS DIRECTOR	2 0 2 0	X						0	0	0
(3) DAVID A WELTE DIRECTOR/SECRETARY	2 0 50 0	X		X				0	1,024,683	55,968
(4) RODERICK L STURGEON DIRECTOR	2 0 50 0	X						0	1,220,119	52,614
(5) WILLIAM B NEAVES DIRECTOR/PRESIDENT EMERITUS	40 0 8 0	X		X				451,681	0	50,423
(6) DAVID M CHAO DIRECTOR/PRESIDENT/CEO	40 0 6 0	X		X				1,201,745	0	38,824
(7) RICHARD W BROWN DIRECTOR/CHAIR	2 0 48 0	X		X				0	1,821,753	48,692
(8) ROBERT E KRUMLAUF SCIENTIFIC DIRECTOR	40 0 4 0				X			648,060	0	52,200
(9) RONALD C CONAWAY INVESTIGATOR	40 0 0 0					X		258,328	0	38,824
(10) JOAN W CONAWAY INVESTIGATOR	40 0 0 0					X		256,176	0	50,205
(11) JERRY L WORKMAN INVESTIGATOR	40 0 0 0					X		258,509	0	44,564
(12) R SCOTT HAWLEY INVESTIGATOR	40 0 2 0					X		277,727	0	57,543
(13) ARCADY R MUSHEGIAN DIR BIOINFORMATICS RESEARCH	40 0 0 0					X		253,115	0	50,379

## Part VII

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
<b>1b</b> Sub-Total . . . . .										
<b>c</b> Total from continuation sheets to Part VII, Section A . . . . .										
<b>d</b> Total (add lines 1b and 1c) . . . . .								3,605,341	4,066,555	540,236

**2** Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization ▶ 33

		Yes	No
3	Did the organization list any <b>former</b> officer, director or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i> . . . . .	3	No
4	For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <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
AMERICAN CENTURY INVESTMENTS , 4500 MAIN STREET KANSAS CITY MO 64111	SEE SCH L, PART V	200,000

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 ►1

Part VIII

Statement of Revenue

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

				(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512, 513, or 514
Contributions, Gifts, Grants and Other Similar Amounts	1a	Federated campaigns . . .	1a				
	b	Membership dues . . . . .	1b				
	c	Fundraising events . . . . .	1c				
	d	Related organizations . . . .	1d	60,252,458			
	e	Government grants (contributions)	1e	6,077,801			
	f	All other contributions, gifts, grants, and similar amounts not included above	1f	1,391,168			
	g	Noncash contributions included in lines 1a-1f \$		60,055,212			
	h	Total. Add lines 1a-1f . . . . .					
Program Service Revenue	2a	COLLABORATION FEE FROM HHMI 501(C) (3)	Business Code 900099	265,874	265,874		
	b						
	c						
	d						
	e						
	f	All other program service revenue					
	g	Total. Add lines 2a-2f . . . . .		265,874			
	Other Revenue	3	Investment income (including dividends, interest, and other similar amounts) . . . . .		528,525		
4		Income from investment of tax-exempt bond proceeds . . . . .		0			
5		Royalties . . . . .		404,298			404,298
6a		(i) Real					
		(ii) Personal					
		Gross rents					
		Less rental expenses					
b		14,475					
c		14,475					
d		Rental income or (loss)		0	0		
e		Net rental income or (loss) . . . . .		0			
7a		(i) Securities					
		(ii) Other					
		Gross amount from sales of assets other than inventory					
		Less cost or other basis and sales expenses					
b		228,237,371		6,163			
c		227,850,152		53,312			
d		387,219		-47,149			
e		Net gain or (loss) . . . . .		340,070			340,070
8a		Gross income from fundraising events (not including \$ of contributions reported on line 1c) See Part IV, line 18 . . . . .					
	a						
	b						
b	Less direct expenses . . . . .						
c	Net income or (loss) from fundraising events . . . . .		0				
9a	Gross income from gaming activities See Part IV, line 19 . . . . .						
	a						
	b						
b	Less direct expenses . . . . .						
c	Net income or (loss) from gaming activities . . . . .		0				
10a	Gross sales of inventory, less returns and allowances . . . . .						
	a						
	b						
b	Less cost of goods sold . . . . .						
c	Net income or (loss) from sales of inventory . . . . .		0				
Miscellaneous Revenue			Business Code				
11a	MO QUALITY JOBS REBATE		900099	78,506			78,506
b	OTHER REBATES & REVENUE		900099	48,541			48,541
c							
d	All other revenue . . . . .						
e	Total. Add lines 11a-11d . . . . .			127,047			
12	Total revenue. See Instructions . . . . .			69,387,241	265,874		1,399,940

Part IX

Statement of Functional Expenses

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

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

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.		(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1	Grants and other assistance to governments and organizations in the United States. See Part IV, line 21.	2,500,000	2,500,000		
2	Grants and other assistance to individuals in the United States. See Part IV, line 22.	1,367,999	1,367,999		
3	Grants and other assistance to governments, organizations, and individuals outside the United States. See Part IV, lines 15 and 16.	0			
4	Benefits paid to or for members.	0			
5	Compensation of current officers, directors, trustees, and key employees.	2,442,933	2,198,640	244,293	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).	0			
7	Other salaries and wages.	19,694,142	17,724,728	1,969,414	0
8	Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions).	2,491,750	2,242,575	249,175	0
9	Other employee benefits.	2,855,101	2,569,591	285,510	0
10	Payroll taxes.	1,402,786	1,262,507	140,279	0
11	Fees for services (non-employees):				
a	Management.	0			
b	Legal.	28,251		28,251	0
c	Accounting.	10,000		10,000	0
d	Lobbying.	0			
e	Professional fundraising services. See Part IV, line 17.	0			
f	Investment management fees.	0			
g	Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O).	1,434,952	1,291,457	143,495	0
12	Advertising and promotion.	0			
13	Office expenses.	319,335	287,402	31,933	0
14	Information technology.	257,892	232,103	25,789	0
15	Royalties.	97,265	87,539	9,726	0
16	Occupancy.	2,217,687	1,995,918	221,769	0
17	Travel.	650,992	585,893	65,099	0
18	Payments of travel or entertainment expenses for any federal, state, or local public officials.	0			
19	Conferences, conventions, and meetings.	476,412	428,771	47,641	0
20	Interest.	0			
21	Payments to affiliates.	0			
22	Depreciation, depletion, and amortization.	11,218,428	10,096,585	1,121,843	0
23	Insurance.	0			
24	Other expenses. Itemize expenses not covered above (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O):				
a	COST-SHARING W/RELATED ORG	18,486,798	16,638,118	1,848,680	
b	LAB SUPPLIES	6,181,079	5,562,971	618,108	
c	NON-CAPITAL EQUIPMENT	393,559	354,203	39,356	
d	DUES & SUBSCRIPTIONS	79,040	71,136	7,904	
e	All other expenses	526,551	473,895	52,656	
25	Total functional expenses. Add lines 1 through 24e.	75,132,952	67,972,031	7,160,921	0
26	Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720).				

Part X

Balance Sheet

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

				(A)		(B)
				Beginning of year		End of year
Assets	1	Cash—non-interest-bearing		1,943,474	1	2,998,898
	2	Savings and temporary cash investments		0	2	0
	3	Pledges and grants receivable, net		697,175	3	471,561
	4	Accounts receivable, net		0	4	0
	5	Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees Complete Part II of Schedule L		0	5	0
	6	Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions) Complete Part II of Schedule L		0	6	0
	7	Notes and loans receivable, net		0	7	0
	8	Inventories for sale or use		349,600	8	186,858
	9	Prepaid expenses and deferred charges		714,385	9	686,767
	10a	Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D	10a314,849,674			
	b	Less accumulated depreciation	10b140,973,835	182,348,369	10c	173,875,839
	11	Investments—publicly traded securities		86,566,796	11	89,292,262
	12	Investments—other securities See Part IV, line 11		354,224	12	444,514
	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		202,922,595	15	192,862,105
	16	Total assets. Add lines 1 through 15 (must equal line 34)		475,896,618	16	460,818,804
Liabilities	17	Accounts payable and accrued expenses		7,365,107	17	7,781,660
	18	Grants payable		0	18	0
	19	Deferred revenue		617,194	19	534,290
	20	Tax-exempt bond liabilities		0	20	0
	21	Escrow or custodial account liability Complete Part IV of Schedule D		0	21	0
	22	Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons Complete Part II of Schedule L		0	22	0
	23	Secured mortgages and notes payable to unrelated third parties		0	23	0
	24	Unsecured notes and loans payable to unrelated third parties		0	24	0
	25	Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24) Complete Part X of Schedule D		201,700,407	25	192,907,145
	26	Total liabilities. Add lines 17 through 25		209,682,708	26	201,223,095
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.					
	27	Unrestricted net assets		266,213,910	27	259,595,709
	28	Temporarily restricted net assets		0	28	0
	29	Permanently restricted net assets		0	29	0
	Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.					
	30	Capital stock or trust principal, or current funds			30	
	31	Paid-in or capital surplus, or land, building or equipment fund			31	
	32	Retained earnings, endowment, accumulated income, or other funds			32	
	33	Total net assets or fund balances		266,213,910	33	259,595,709
	34	Total liabilities and net assets/fund balances		475,896,618	34	460,818,804

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	69,387,241
2	Total expenses (must equal Part IX, column (A), line 25) . . . . .	2	75,132,952
3	Revenue less expenses Subtract line 2 from line 1 . . . . .	3	-5,745,711
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A)) . . . . .	4	266,213,910
5	Net unrealized gains (losses) on investments . . . . .	5	-330,577
6	Donated services and use of facilities . . . . .	6	
7	Investment expenses . . . . .	7	
8	Prior period adjustments . . . . .	8	
9	Other changes in net assets or fund balances (explain in Schedule O) . . . . .	9	-541,913
10	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	259,595,709

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

2012

Open to Public Inspection

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.

Name of the organization STOWERS INSTITUTE FOR MEDICAL RESEARCH	Employer identification number 20-2993509
--	--

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

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

- 1

☐

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

☐

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

☐

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

☒

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

CHILDREN'S MERCY HOSPITAL,  
/  
KANSAS CITY, MO

- 5

☐

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

☐

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

☐

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

☐

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

☐

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

☐

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

☐

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

☐

Type I

b

☐

Type II

c

☐

Type III - Functionally integrated

d

☐

Type III - Non-functionally integrated
- e

☐

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

☐

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

☐

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

- (i)

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

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

- h

Provide the following information about the supported organization(s)

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

Part II

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

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

Section B. Total Support						
Calendar year (or fiscal year beginning in) ▶	(a) 2008	(b) 2009	(c) 2010	(d) 2011	(e) 2012	(f) Total
7 Amounts from line 4						
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income Do not include gain or loss from the sale of capital assets (Explain in Part IV )						
11 Total support (Add lines 7 through 10)						
12 Gross receipts from related activities, etc (see instructions)					12	
13 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a 501(c)(3) organization, check this box and stop here . . . . . ▶						

Section C. Computation of Public Support Percentage			
14 Public support percentage for 2012 (line 6, column (f) divided by line 11, column (f))	14		
15 Public support percentage for 2011 Schedule A, Part II, line 14	15		
16a 33 1/3% support test—2012. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization			▶
b 33 1/3% support test—2011. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization			▶
17a 10%-facts-and-circumstances test—2012. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part IV how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization			▶
b 10%-facts-and-circumstances test—2011. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part IV how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization			▶
18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions			▶

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

Section A. Public Support						
Calendar year (or fiscal year beginning in) ▶	(a) 2008	(b) 2009	(c) 2010	(d) 2011	(e) 2012	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")						
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) 2008	(b) 2009	(c) 2010	(d) 2011	(e) 2012	(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 2012 (line 8, column (f) divided by line 13, column (f))	15	
16 Public support percentage from 2011 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage		
17 Investment income percentage for 2012 (line 10c, column (f) divided by line 13, column (f))	17	
18 Investment income percentage from 2011 Schedule A, Part III, line 17	18	
19a 33 1/3% support tests—2012. If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization ▶		
b 33 1/3% support tests—2011. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization ▶		
20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ▶		

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

Facts And Circumstances Test

Explanation
CHILDREN'S MERCY HOSPITAL IN KANSAS CITY MISSOURI

SCHEDULE D  
(Form 990)

Department of the Treasury  
Internal Revenue Service

Supplemental Financial Statements

OMB No 1545-0047

2012

Open to Public Inspection

Name of the organization  
STOWERS INSTITUTE FOR MEDICAL RESEARCH

Employer identification number  
20-2993509

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 can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit? <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 education)☐ Preservation of an historically important land area☐ Protection of natural habitat☐ Preservation of a certified historic structure☐ Preservation of open space

2

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

	Held at the End of the Year
a	Total number of conservation easements
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, and not on a historic structure listed in the National Register

3

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

4

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

5

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

☐ Yes☐ No

6

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

7

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

8

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

☐ Yes☐ No

9

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

Part III

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

1a

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

b

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

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

▶\$ \_\_\_\_\_

(ii) Assets included in Form 990, Part X

▶\$ \_\_\_\_\_

2

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

a

Revenues included in Form 990, Part VIII, line 1

▶\$ \_\_\_\_\_

b

Assets included in Form 990, Part X

▶\$ \_\_\_\_\_

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

Cat No 52283D

Schedule D (Form 990) 2012

Part III

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

3

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

a

☐ Public exhibition

b

☐ Scholarly research

c

☐ Preservation for future generations

d

☐ Loan or exchange programs

e

☐ Other

4

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

5

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

☐ Yes

☐ No

Part IV

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

1a

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

☐ Yes

☐ No

b

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

c

Beginning balance

d

Additions during the year

e

Distributions during the year

f

Ending balance

	Amount
1c	
1d	
1e	
1f	

2a

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

☐ Yes

☐ No

b

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

☐

Part V

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

	(a)Current year	(b)Prior year	b (c)Two years back	(d)Three years back	(e)Four years back
1a	Beginning of year balance				
b	Contributions				
c	Net investment earnings, gains, and 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 current year end balance (line 1g, column (a)) held as

a

Board designated or quasi-endowment

b

Permanent endowment

c

Temporarily restricted endowment

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

3a

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

(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 XIII the intended uses of the organization's endowment funds

Part VI

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

Description of property	(a) Cost or other basis (investment)	(b)Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a	Land	3,400,000		3,400,000
b	Buildings	224,344,932	71,544,156	152,800,776
c	Leasehold improvements			
d	Equipment	87,104,742	69,429,679	17,675,063
e	Other			
Total. Add lines 1a through 1e (Column (d) must equal Form 990, Part X, column (B), line 10(c).)				173,875,839

Schedule D (Form 990) 2012



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

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

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

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

**Part XIII Supplemental Information**

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

Identifier	Return Reference	Explanation
SCHEDULE D	PART X, LINE 2	FIN 48 FINANCIAL STATEMENT FOOTNOTE FROM THE CONSOLIDATED STATEMENTS OF STOWERS INSTITUTE FOR MEDICAL RESEARCH (THE INSTITUTE) IS AS FOLLOWS THE INSTITUTE RECOGNIZES THE EFFECT OF INCOME TAX POSITIONS ONLY IF THOSE POSITIONS ARE MORE LIKELY THAN NOT OF BEING SUSTAINED RECOGNIZED INCOME TAX POSITIONS ARE MEASURED AT THE LARGEST AMOUNT THAT IS GREATER THAN 50% LIKELY OF BEING REALIZED THE INSTITUTE CONSISTS OF FIVE TAX-EXEMPT ENTITIES AS DESCRIBED IN SECTION 501(C)(3)AND ONE TAX EXEMPT ENTITY AS DESCRIBED IN 501(C)(2) THE CODE THEREORE, IT IS THE INSTITUTE'S TAX POSITION THAT THESE SIX ENTITIES ARE EXEMPT FROM FEDERAL INCOME TAXES

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

# 2012

## Open to Public Inspection

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

Employer identification number

20-2993509

## Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States

**Part II** **Grants and Other Assistance to Governments and Organizations in the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

[illegible]

- |          |   |          |
|----------|---|----------|
| <b>2</b> | Enter total number of section 501(c)(3) and government organizations listed in the line 1 table . . . . . | <b>1</b> |
| <b>3</b> | Enter total number of other organizations listed in the line 1 table . . . . .                            | <b>0</b> |

Part III

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

(a)Type of grant or assistance	(b)Number of recipients	(c)Amount of cash grant	(d)Amount of non-cash assistance	(e)Method of valuation (book, FMV, appraisal, other)	(f)Description of non-cash assistance
(1) STIPENDS/FELLOWSHIPS	43	1,367,999		N/A	N/A

Part IV

Supplemental Information.

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

Identifier	Return Reference	Explanation
PART I, LINE 2		SIMR PROVIDES TRAINING STIPEND/FELLOWSHIPS TO UNDERGRADUATES, GRADUATES, AND POST-DOCTORAL CANDIDATES THESE STIPENDS/FELLOWSHIPS ARE PROVIDED FOR THE INDIVIDUAL'S TRAINING AND NOT AS COMPENSATION FOR ANY SERVICES PROVIDED BY THEM TO SIMR STIPENDS/FELLOWSHIPS ARE OFFERED ON A NON-DISCRIMINATORY BASIS TO INDIVIDUALS STUDYING A BASIC BIOMEDICAL FIELD WITH THE OBJECTIVE OF CONTINUING IN THIS FIELD UPON THE COMPLETION OF THEIR EDUCATION AND TRAINING
PART II, LINE 1		SIMR CONTRIBUTED FUNDS TO START THE GRADUATE SCHOOL OF THE STOWERS INSTITUTE FOR MEDICAL RESEARCH ("GSSIMR") GSSIMR'S EXEMPT PURPOSE IS TO PROVIDE GRADUATE EDUCATION THAT WILL PREPARE SCHOLARS FOR SCIENTIFIC RESEARCH IN THE BIOLOGICAL SCIENCES GSSIMR OFFERS A RESEARCH-BASED PH D DEGREE IN BIOLOGY AND OTHER INSTRUCTION PROGRAMS

Schedule J  
(Form 990)

Department of the Treasury  
Internal Revenue Service

Compensation Information

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

▶ Complete if the organization answered "Yes" to Form 990, Part IV, question 23.

▶ Attach to Form 990. ▶ See separate instructions.

OMB No 1545-0047

2012

Open to Public Inspection

Name of the organization  
STOWERS INSTITUTE FOR MEDICAL RESEARCH

Employer identification number  
20-2993509

Part I

Questions Regarding Compensation

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

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

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

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

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

**Part III**   **Supplemental Information**

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

Identifier	Return Reference	Explanation
PART I, LINE 1A		SIMR HAS WRITTEN EMPLOYMENT CONTRACTS WITH WILLIAM B NEAVES, PRESIDENT EMERITUS, AND DAVID M CHAO, PRESIDENT, WHICH PROVIDES FOR TAXABLE TERM LIFE BENEFITS AND FOR THE EXECUTIVES TO RECEIVE TAX GROSS-UP PAYMENTS SUFFICIENT TO COVER THE TAXES ON THE BENEFITS
PART I, LINE 1B		SIMR PROVIDED THE BENEFITS DESCRIBED IN RESPONSE TO LINE 1A PURSUANT TO WRITTEN EMPLOYMENT CONTRACTS THAT WERE APPROVED BY SIMR'S GOVERNING BOARD. SEE RESPONSE TO FORM 990, PART VI, SECTION B, LINE 15, FOR ADDITIONAL PROCESSES RELATED TO DETERMINING EXECUTIVE COMPENSATION.
PART I, LINE 5A		SIMR ACCRUED A PAYMENT OF \$102,229 DUE TO ROBERT E KRUMLAUF, SCIENTIFIC DIRECTOR. THIS PAYMENT REPRESENTS THE PORTION OF THE NET ROYALTIES RECEIVED BY SIMR FOR LICENSED SCIENTIFIC DISCOVERY TECHNOLOGY THAT IS PAYABLE TO ROBERT E KRUMLAUF, PH D , FOR HIS PARTICIPATION IN THE DISCOVERY.

Software ID:  
Software Version:  
EIN: 20-2993509  
Name: STOWERS INSTITUTE FOR MEDICAL RESEARCH

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 WELTE	(i)	0	0	0	0	0	0	0
	(ii)	971,812	0	52,871	37,500	18,468	1,080,651	0
RODERICK L STURGEON	(i)	0	0	0	0	0	0	0
	(ii)	1,134,046	0	86,073	37,500	15,114	1,272,733	0
WILLIAM B NEAVES	(i)	444,269	0	7,412	37,500	12,923	502,104	0
	(ii)	0	0	0	0	0	0	0
DAVID M CHAO	(i)	1,195,538	0	6,207	37,500	1,324	1,240,569	0
	(ii)	0	0	0	0	0	0	0
ROBERT E KRUMLAUF	(i)	457,072	0	190,988	37,500	14,700	700,260	0
	(ii)	0	0	0	0	0	0	0
RONALD C CONAWAY	(i)	256,009	0	2,319	37,500	1,324	297,152	0
	(ii)	0	0	0	0	0	0	0
JOAN W CONAWAY	(i)	253,857	0	2,319	37,500	12,705	306,381	0
	(ii)	0	0	0	0	0	0	0
JERRY L WORKMAN	(i)	255,508	0	3,001	37,500	7,064	303,073	0
	(ii)	0	0	0	0	0	0	0
R SCOTT HAWLEY	(i)	275,408	0	2,319	37,500	20,043	335,270	0
	(ii)	0	0	0	0	0	0	0
RICHARD W BROWN	(i)	0	0	0	0	0	0	0
	(ii)	1,787,848	0	33,905	37,500	11,192	1,870,445	0
ARCADY R MUSHEGIAN	(i)	228,966	0	24,149	34,495	15,884	303,494	0
	(ii)	0	0	0	0	0	0	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, line 38a or 40b.  
▶ Attach to Form 990 or Form 990-EZ. ▶ See separate instructions.

OMB No 1545-0047

2012

Open to Public Inspection

Name of the organization STOWERS INSTITUTE FOR MEDICAL RESEARCH	Employer identification number  20-2993509
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Part I Excess Benefit Transactions (section 501(c)(3) and section 501(c)(4) organizations only).

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

1	(a) Name of disqualified person	(b) Relationship between disqualified person and organization	(c) Description of transaction	(d) Corrected?	
				Yes	No

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

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

Part II Loans to and/or From Interested Persons.

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

(a) Name of interested person	(b) Relationship with organization	(c) Purpose of loan	(d) Loan to or from the organization?		(e) Original principal amount	(f) Balance due	(g) In default?		(h) Approved by board or committee?	(i) Written agreement?	
			To	From			Yes	No		Yes	No
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 assistance	(d) Type of assistance	(e) Purpose of assistance

Part IV Business Transactions Involving Interested Persons.					
Complete if the organization answered "Yes" on Form 990, Part IV, line 28a, 28b, or 28c.					
(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of transaction	(d) Description of transaction	(e) Sharing of organization's revenues?	
				Yes	No
(1) AMERICAN CENTURY COMPANIES INC	SEE PART V	200,000	SEE PART V		No
(2) JULIA ZEITLINGER PhD	SEE PART V	107,103	EMPLOYEE OF SIMR		No
(3) LEANNE WIEDEMANN PhD	SEE PART V	187,660	EMPLOYEE OF SIMR		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
PART IV, LINE (1) COLUMN B		RICHARD W BROWN, DAVID A WELTE, DAVID M CHAO, AND RODERICK L STURGEON ARE CURRENT DIRECTORS OF SIMR AND ALSO DIRECTORS OF AMERICAN CENTURY COMPANIES, INC ("ACCI") JAMES E STOWERS JR , A DIRECTOR OF SIMR, IS ALSO THE FOUNDER OF ACCI SIMR, ALONG WITH MR STOWERS, OTHER STOWERS FAMILY MEMBERS, AND OTHER RELATED PARTIES DISCLOSED IN SCHEDULE R RETAIN A CONTROLLING VOTING INTEREST IN ACCI SIMR RECEIVES INVESTMENT MANAGEMENT SERVICES FROM AMERICAN CENTURY INVESTMENTS ("ACI") SIMR PAYS THE SAME ADMINISTRATIVE FEES FOR THESE SERVICES AS ANY ARMS-LENGTH MUTUAL FUND INVESTOR THE VALUE OF THESE SERVICES, ESTIMATED BY MULTIPLYING SIMR'S AVERAGE AMOUNT OF MUTUAL FUND HOLDINGS THROUGHOUT THE YEAR BY THE PUBLISHED ADMINISTRATIVE FEE PERCENTAGE FOR THE APPLICABLE FUNDS, WAS APPROXIMATELY \$200,000 IN SELECTING ACI TO MANAGE ITS LIQUID INVESTMENTS, SIMR SELECTED A HIGH QUALITY MUTUAL FUND COMPANY WITH AN OUTSTANDING TRACK RECORD
PART IV, LINE (2) & (3)		JULIA ZEITLINGER, PH D, IS THE SPOUSE OF DAVID M CHAO, PRESIDENT OF SIMR MS ZEITLINGER IS AN ASSISTANT INVESTIGATOR AT SIMR MS ZEITLINGER'S PREVIOUS EMPLOYMENT BEFORE SIMR WAS WITH THE WHITEHEAD INSTITUTE FOR MEDICAL RESEARCH WHERE SHE WAS THE RECIPIENT OF A POSTDOCTORAL FELLOWSHIP FROM THE HUMAN FRONTIER SCIENCE PROGRAM LEANNE WIEDMANN, PH D, IS THE SPOUSE OF ROBERT KRUMLAUGF, SCIENTIFIC DIRECTOR OF SIMR MS WIEDEMANN PERFORMS INDEPENDENT SCIENCE RESEARCH AT SIMR AND IS CONCURRENTLY A PROFESSOR AT THE UNIVERSITY OF KANSAS MEDICAL CENTER IN THE DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE

SCHEDULE M  
(Form 990)

Department of the Treasury  
Internal Revenue Service

Noncash Contributions

OMB No 1545-0047

2012

Open to Public Inspection

►Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.  
► Attach to Form 990.

Name of the organization  
STOWERS INSTITUTE FOR MEDICAL RESEARCH

Employer identification number  
20-2993509

Part I

Types of Property

	(a) Check if applicable	(b) Number of contributions or items contributed	(c) Noncash contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining noncash contribution amounts
1 Art—Works of art . . . . .				
2 Art—Historical treasures . . . . .				
3 Art—Fractional interests . . . . .				
4 Books and publications . . . . .				
5 Clothing and household goods . . . . .				
6 Cars and other vehicles . . . . .				
7 Boats and planes . . . . .				
8 Intellectual property . . . . .				
9 Securities—Publicly traded . . . . .	X	2	60,055,212	FAIR MARKET VALUE
10 Securities—Closely held stock . . . . .				
11 Securities—Partnership, LLC, or trust interests . . . . .				
12 Securities—Miscellaneous . . . . .				
13 Qualified conservation contribution—Historic structures . . . . .				
14 Qualified conservation contribution—Other . . . . .				
15 Real estate—Residential . . . . .				
16 Real estate—Commercial . . . . .				
17 Real estate—Other . . . . .				
18 Collectibles . . . . .				
19 Food inventory . . . . .				
20 Drugs and medical supplies . . . . .				
21 Taxidermy . . . . .				
22 Historical artifacts . . . . .				
23 Scientific specimens . . . . .				
24 Archeological artifacts . . . . .				
25 Other ► ( _____ )				
26 Other ►( _____ )				
27 Other ►( _____ )				
28 Other ► ( _____ )				

29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part IV, Donee Acknowledgement . . . . .29

30a During the year, did the organization receive by contribution any property reported in Part I, lines 1-28 that it must hold for at least three years from the date of the initial contribution, and which is not required to be used for exempt purposes for the entire holding period? . . . . .

b If "Yes," describe the arrangement in Part II

31 Does the organization have a gift acceptance policy that requires the review of any non-standard contributions?

32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions? . . . . .

b If "Yes," describe in Part II

33 If the organization did not report an amount in column (c) for a type of property for which column (a) is checked, describe in Part II

Yes

No

No

Yes

No

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

Cat No 51227J

Schedule M (Form 990) (2012)

Part II

Supplemental Information.

Complete this part to provide the information required by Part I, lines 30b, 32b, and 33, and whether the organization is reporting in Part I, column (b), the number of contributions, the number of items received, or a combination of both. Also complete this part for any additional information.

Identifier	Return Reference	Explanation
PART I, COLUMN B		THE AMOUNTS SHOWN IN PART I, COLUMN (B) FOR "NUMBER OF CONTRIBUTIONS" REPRESENTS THE TOTAL NUMBER OF CONTRIBUTIONS AND NOT NECESSARILY THE TOTAL NUMBER OF ITEMS CONTRIBUTED

SCHEDULE O

(Form 990 or 990-EZ)

Department of the Treasury  
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

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

OMB No 1545-0047

2012

Open to Public  
Inspection

Name of the organization STOWERS INSTITUTE FOR MEDICAL RESEARCH	Employer identification number 20-2993509
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Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 1		THE STOWERS INSTITUTE FOR MEDICAL RESEARCH PERFORMS MEDICAL RESEARCH IN THE PUBLIC INTEREST WITH THE GOAL OF EXPANDING OUR UNDERSTANDING OF FUNDAMENTAL PROCESSES IN LIVING CELLS AND IMPROVING LIFE'S QUALITY THROUGH INNOVATIVE APPROACHES TO THE CAUSES, TREATMENT, AND PREVENTION OF DISEASE

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4		SIMR'S ACCOMPLISHMENTS ARE DESCRIBED AT END OF SCHEDULE O

Identifier	Return Reference	Explanation
FORM 990, PART VI, LINE 2		JAMES E STOWERS JR AND VIRGINIA G STOWERS, DIRECTORS OF SIMR, HAVE A FAMILY RELATIONSHIP JAMES E STOWERS JR , RICHARD W BROWN, DAVID A WELTE, DAVID M CHAO, AND RODERICK L STURGEON, ALL DIRECTORS OF SIMR, HAVE A BUSINESS RELATIONSHIP, THEY SERVE ON THE BOARD OF AMERICAN CENTURY COMPANIES, INC ("ACCI") AS DESCRIBED IN RESPONSE TO SCHEDULE L, PART IV RICHARD W BROWN, WILLIAM B NEAVES, DAVID M CHAO, AND RODERICK L STURGEON, DIRECTORS OF SIMR, HAVE A BUSINESS RELATIONSHIP, THEY ALL SERVE ON THE BOARD OF BIOMED VALLEY DISCOVERIES, INC , A RELATED PARTY AS DISCUSSED ON SCHEDULE R

Identifier	Return Reference	Explanation
FORM 990, PART VI, LINE 11B		THE DATA AND INFORMATION NECESSARY TO PREPARE SIMR'S FORM 990 WAS COMPILED BY SIMR'S ACCOUNTING DEPARTMENT AND THEN REVIEWED BY OUR TAX ATTORNEY AT BRYAN CAVE, LLP PRICEWATERHOUSECOOPERS ("PWC"), OUR EXTERNAL TAX PREPARERS, USE THIS INFORMATION TO PREPARE THE FORM 990 THE COMPLETED FORM 990, INCLUDING REQUIRED SCHEDULES, IS DISTRIBUTED IN ADVANCE TO ALL SEVEN OFFICERS OF SIMR FOR THEIR REVIEW AND COMMENTS BEFORE THE FORM 990 IS FILED WITH THE IRS AFTER THE PREPARATION AND REVIEW PROCESS DESCRIBED ABOVE, THE FORM 990, INCLUDING REQUIRED SCHEDULES, IS PROVIDED TO EACH VOTING MEMBER OF THE ORGANIZATION'S BOARD BEFORE IT IS FILED WITH THE IRS

Identifier	Return Reference	Explanation
FORM 990, PART VI, LINE 12C		SIMR HAS ADOPTED A "CONFLICTS OF INTEREST AND DIRECTOR INDEPENDENCE POLICY" EACH DIRECTOR, OFFICER, AND OTHER PERSON WHO IS IN A POSITION TO EXERCISE SUBSTANTIAL INFLUENCE OVER DECISIONS OF SIMR ARE REQUIRED TO ANNUALLY COMPLETE AND SIGN A DISCLOSURE STATEMENT THAT IS PART OF THE POLICY A COVERED PERSON MUST ALSO DISCLOSE THE EXISTENCE OF A POTENTIAL CONFLICT AND ALL MATERIAL FACTS TO THE GOVERNING BOARD AS SOON AS THE PERSON HAS KNOWLEDGE THAT A POTENTIAL CONFLICT MIGHT EXIST SIMR CONDUCTS PERIODIC AND ADHOC REVIEWS OF TRANSACTIONS AND AGREEMENTS TO INSURE THAT IT ENGAGES ONLY IN ACTIVITIES THAT ARE CONSISTENT WITH ITS TAX-EXEMPT PURPOSE

Identifier	Return Reference	Explanation
FORM 990, PART VI, LINES 15A & 15B		THE PROCESS FOR DETERMINING COMPENSATION OF SIMRS PRESIDENT AND CEO INCLUDED RETAINING THE SERVICES OF A NATIONALLY KNOWN COMPENSATION CONSULTANT TO PROVIDE DATA AND ANALYSIS TO DETERMINE COMPARABLE SALARY AND BENEFITS FOR SIMILARLY QUALIFIED PERSONS IN COMPARABLE POSITIONS AT SIMILARLY SITUATED ORGANIZATIONS THE PROCESS WAS UNDERTAKEN IN 2009 AT THE TIME THE CURRENT CONTRACT WAS EXECUTED AND APPROVED BY THE GOVERNING BOARD AS DOCUMENTED IN THE OFFICIAL MINUTES ANOTHER REVIEW PROCESS FOR THE PRESIDENT AND CEO WAS COMPLETED IN 2012

Identifier	Return Reference	Explanation
FORM 990, PART VI, LINE 19		SIMR'S GOVERNING DOCUMENTS, CONFLICT OF INTEREST POLICY , AND FINANCIAL STATEMENTS ARE AVAILABLE ON REQUEST

Identifier	Return Reference	Explanation
FORM 990, PART XI, LINE 9		OTHER CHANGES IN NET ASSETS INCLUDE THE FOLLOWING ACTUARIAL LOSS ON ANNUITY (541,913)

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4	2012 PROGRAM SERVICE ACCOMPLISHMENTS	THE STOWERS INSTITUTE FOR MEDICAL RESEARCH ("SIMR") IS A PRIVATE, NONPROFIT MEDICAL RESEARCH ORGANIZATION. SIMR WAS FOUNDED IN 1994 BY JIM AND VIRGINIA STOWERS, TWO CANCER SURVIVORS WHO HAVE DEDICATED THEIR FORTUNE TO SUPPORTING BASIC RESEARCH IN CELL AND MOLECULAR BIOLOGY THAT WILL PROVIDE LONG-TERM SOLUTIONS TO GENE-BASED DISEASES. SIMR CONDUCTS BASIC BIOMEDICAL RESEARCH IN THE PUBLIC INTEREST THAT WILL ULTIMATELY PROVIDE A GREATER UNDERSTANDING OF THE GENES AND PROTEINS THAT CONTROL HOW CELLS IN OUR BODIES MULTIPLY, FORM TISSUES, AND DIE. LIKE A GROWING NUMBER OF SCIENTISTS TODAY, INSTITUTE SCIENTISTS ARE CONVINCED THAT BY STUDYING THE BASIC BIOLOGY OF CELLS THEY WILL DISCOVER HOW GENES CAUSE MANY DISEASES, INCLUDING CANCER, BIRTH DEFECTS, AND DEMENTIA. BASIC RESEARCH CONDUCTED AT SIMR SHOULD POINT THE WAY TO THE DEVELOPMENT OF NEW PREVENTIONS, TREATMENTS, AND CURES FOR GENETIC DISEASES.

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT		<p>2012 NOTABLE RESEARCH RESULTS IN 2012, SIMR RESEARCH TEAMS MADE DISCOVERIES MERITING PUBLICATION IN LEADING PEER-REVIEWED SCIENTIFIC JOURNALS - 59 ORIGINAL RESEARCH PAPERS IN ALL SIMR RESEARCH TEAMS ALSO PUBLISHED 29 REVIEWS, COMMENTARIES, BOOK CHAPTERS SOME OF THE HIGHLIGHTS AMONG PAPERS PUBLISHED IN 2012 INCLUDE THE BAUMANN LAB DISCOVERED HOW THE RNA TER1, A COMPONENT OF THE ENZYME TELOMERASE, IS SCULPTED TO FAVOR INTERACTIONS WITH ITS PROTEIN PARTNERS TWO RING-LIKE PROTEINS SEQUENTIALLY SLIP INTO ONTO UNPROCESSED TER1 RNA AND HOLD IT WHILE IT IS CLIPPED TO THE OPTIMUM SIZE, FOLDED AND CAPPED (PUBLISHED IN THE MARCH 26, 2012 ISSUE OF NATURE) THE CONAWAY LAB REVEALED HOW ATF6, A MASTER REGULATOR THAT TAKES CHARGES FOLLOWING A CELLULAR CRISIS TRIGGERED BY THE ACCUMULATION OF MISFOLDED PROTEINS, ACTIVATES ITS TARGET GENES THE STUDY WAS SELECTED BY THE EDITORS OF THE JOURNAL OF BIOLOGICAL CHEMISTRY AS "PAPER OF THE WEEK " (PUBLISHED IN THE JUNE 29, 2012 ISSUE OF THE JOURNAL OF BIOLOGICAL CHEMISTRY) THE GERTON LAB DEVELOPED AN INNOVATIVE METHOD TO COUNT THE NUMBER OF FLUORESCENT MOLECULES IN A TIGHT CLUSTER AND THEN APPLIED THE NOVEL APPROACH TO SETTLE THE DEBATE OF HOW DNA TWISTS INTO THE CENTROMERE, A SPECIALIZED STRUCTURE THAT SITS AT THE CROSS POINT OF THE "X" USED TO REPRESENT DUPLICATED CHROMOSOMES (PUBLISHED IN THE JULY 20, 2012 ISSUE OF CELL) THE LINHENG LI LAB IDENTIFIED AN IMPORTANT MOLECULAR CUE THAT KEEPS QUIESCENT MOUSE HEMATOPOIETIC (OR BLOOD-FORMING) STEM CELLS FROM PROLIFERATING WHEN THEIR SERVICES ARE NOT NEEDED (PUBLISHED IN THE JULY 20, 2012 ISSUE OF CELL ) THE RONG LI LAB DISCOVERED THAT YEAST CELLS CAN LOOSEN THE REINS ON THEIR GENOME, READILY ACQUIRING OR LOSING WHOLE CHROMOSOMES TO ENABLE RAPID ADAPTION (PUBLISHED IN THE JANUARY 29, 2012, ONLINE ISSUE OF NATURE ) THE SANCHEZ LAB SUCCESSFULLY TRACKED STEM CELLS IN THE FLATWORM SCHMIDTEA MEDITERRANEA AND REVEALED THAT THE WORMS' STEM CELLS, KNOWN AS NEOBLASTS, MARCH OUT, MULTIPLY AND START REBUILDING TISSUES LOST TO AMPUTATION SETTTLING THE CENTURY-OLD QUESTIONS WHETHER NEOBLASTS CAN ACTIVELY TRAVEL TOWARDS WOUNDS (PUBLISHED IN THE OCTOBER 1, 2012, ISSUE OF DEVELOPMENT) THE SHILATIFARD LAB REVEALED THAT ONE WAY STEM CELLS ENSURE THAT THEY ARE READY TO ACTIVATE HIGHLY DIVERSE GENE EXPRESSION PROGRAMS AT A MOMENT'S NOTICE IS BY STATIONING A PROTEIN CALLED ELL3 AT STRETCHES OF DNA REQUIRED TO ACTIVATE A NEIGHBORING GENE, GENOMIC REGIONS KNOWN AS ENHANCERS (PUBLISHED IN THE DECEMBER 27, 2012, ONLINE ISSUE OF CELL) THE TRAINOR LAB DISCOVERED A KEY MOLECULAR PLAYER REQUIRED FOR THE PROPER MIGRATION AND SURVIVAL OF NEURAL CREST CELLS THESE CELLS GENERATE MOST OF THE CARTILAGE, BONE AND CONNECTIVE TISSUE IN THE HEAD AND FACE EXPLAINING THE FREQUENTLY OBSERVED LINK BETWEEN CRANIAL AND FACIAL MALFORMATIONS (PUBLISHED IN THE OCT 4, 2012, ISSUE OF PLOS GENETICS) THE YU LAB TRACED THE SIGNALS INDUCED BY INDIVIDUAL ODOR MOLECULES DEEP INTO THE BRAIN AND FOUND EVIDENCE THAT CHEMICALLY RELATED ODORANTS MAPPED ALL OVER THE OLFACTORY BULB, WHICH PROCESSES INCOMING OLFACTORY INFORMATION, AND NOT NEXT TO EACH OTHER AS BELIEVED PREVIOUSLY (PUBLISHED IN THE MARCH 19, 2012, ISSUE OF THE PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES) THE ZEITLINGER LAB DISCOVERED A FUNDAMENTALLY NEW MECHANISM THAT ENSURES THAT THE CORRECT GENES IN EACH TISSUE ARE TURNED ON AND OFF IN PRECISELY THE RIGHT SEQUENCE DURING DEVELOPMENT THE TEAM FOUND THAT THE PATTERN OF GENES WITH POISED POLYMERASE IN MUSCLE AND NERVE CELLS VARIED DEPENDING ON THE STAGE OF DEVELOPMENT AND NOT DEPENDING ON TISSUE TYPE AS EXPECTED (PUBLISHED IN THE DECEMBER 27, 2012, ISSUE OF CELL REPORTS)</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT		<p>COMPREHENSIVE LIST OF 2012 ORIGINAL RESEARCH PAPERS, REVIEWS, COMMENTARIES AND BOOK CHAPTERS</p> <p>ORIGINAL RESEARCH PAPERS 1 BAILEY CM, MORRISON JA, KULESA PM MELANOMA REVIVES AN EMBRYONIC MIGRATION PROGRAM TO PROMOTE PLASTICITY AND INVASION PIGMENT CELL MELANOMA RES 2012,25 573-583 2 BARDET AF, HE Q, ZEITLINGER J, STARK A A COMPUTATIONAL PIPELINE FOR COMPARATIVE CHIP-SEQ ANALYSES NAT PROTOC 2012,7 45-61 3 BARLOW AJ, DIXON J, DIXON MJ, TRAINOR PA BALANCING NEURAL CREST CELL INTRINSIC PROCESSES WITH THOSE OF THE MICROENVIRONMENT IN TCOF1 HAPLOINSUFFICIENT MICE ENABLES COMPLETE ENTERIC NERVOUS SYSTEM FORMATION HUM MOL GENET 2012,21 1782-1793 4 BOCCHINFUSO DG, TAYLOR P, ROSS E, IGNATCHENKO A, IGNATCHENKO V, KISLINGER T, PEARSON BJ, MORAN MF PROTEOMIC PROFILING OF THE PLANARIAN SCHMIDTEA MED TERRANEA AND ITS MUCOUS REVEALS SIMILARITIES WITH HUMAN SECRETIONS AND THOSE PREDICTED FOR PARASITIC FLATWORMS MOL CELL PROTEOMICS 2012,11 681-691 5 BOSE T, LEE KK, LU S, XU B, HARRIS B, SLAUGHTER B, UNRUH J, GARRETT A, MCDOWELL W, BOX A, LI H, PEAK A, RAMACHANDRAN S, SEIDEL C, GERTON JL COHESIN PROTEINS PROMOTE RIBOSOMAL RNA PRODUCTION AND PROTEIN TRANSLATION IN YEAST AND HUMAN CELLS PLOS GENET 2012,8 E1002749 6 CHEN S, LEWIS B, MORAN A, XIE T CADHERIN-MEDIATED CELL ADHESION IS CRITICAL FOR THE CLOSING OF THE MOUSE OPTIC FISSURE PLOS ONE 2012,7 E51705 7 CHEN S, LI H, ZUECKERT-GAUDENZ K, PAULSON A, GUO F, TRIMBLE R, PEAK A, SEIDEL C, DENG C, FURUTA Y, XIE T DEFECTIVE FGF SIGNALING CAUSES COLOBOMA FORMATION AND DISRUPTS RETINAL NEUROGENESIS [PUBLISHED AHEAD OF PRINT NOVEMBER 14 2012] CELL RES 2012 8 CHEN Z, MCCROSKY S, GUO W, LI H, GERTON JL A GENETIC SCREEN TO DISCOVER PATHWAYS AFFECTING COHESIN FUNCTION IN SCHIZOSACCHAROMYCES POMBE IDENTIFIES CHROMATIN EFFECTORS G3 (BETHESDA) 2012,2 1161-1168 9 CHEN G, BRADFORD WD, SEIDEL CW, LI R HSP90 STRESS POTENTIATES RAPID CELLULAR ADAPTATION THROUGH INDUCTION OF ANEUPLOIDY NATURE 2012 ,482 246-250 10 COLLINS KA, CALICOAT JG, LAKE CM, MCCLURKEN CM, KOHL KP, HAWLEY RS A GERMLINE CLONE SCREEN ON THE X CHROMOSOME REVEALS NOVEL MEIOTIC MUTANTS IN DROSOPHILA MELANOGASTER G3 2012,2 1369-1377 11 COSTESSI A, MAHROUR N, SHARMA V, STUNNENBERG R, STOEL MA, TUCHON E, CONAWAY JW, CONAWAY RC, STUNNENBERG HG THE HUMAN EKC/KEOPS COMPLEX IS RECRUITED TO CULLIN2 UBIQUITIN LIGASES BY THE HUMAN TUMOUR ANTIGEN PRAME PLOS ONE 2012,7 E428 22 12 D'ANGIOLELLA V, DONATO V, FORRESTER FM, JEONG Y-T, KUDO Y, PELLACANI C, SARAF A, FLORENS L, WASHBURN MP, PAGANO M THE CYCLIN F-RIBONUCLEOTIDE REDUCTASE M2 AXIS CONTROLS GENOME INTEGRITY AND DNA REPAIR CELL 2012,149 1023-1034 13 DAS A, SLAUGHTER BD, UNRUH JR, BRADFORD WD, ALEXANDER R, RUBINSTEIN B, LI R FLIPPASE-MEDIATED PHOSPHOLIPID ASYMMETRY PROMOTES FAST CDC42 RECYCLING IN DYNAMIC MAINTENANCE OF CELL POLARITY NAT CELL BIOL 2012, 14 304-310 14 DENNIS JF, KUROSAKA H, IULIANELLA A, PACE J, THOMAS N, BECKHAM S, WILLIAMS T, TRAINOR PA MUTATIONS IN HEDGEHOG ACYLTRANSFERASE (HHAT) PERTURB HEDGEHOG SIGNALING, RESULTING IN SEVERE ACrania-HOLOPROSENCEPHALY-AGNATHIA CRANIOFACIAL DEFECTS PLOS GENET 2012,8 E1002927 15 FRIEDERICHS JM, GARDNER JM, SMOYER CJ, WHETSTINE CR, GOGOL M, SLAUGHTER BD, JASPERSEN SL GENETIC ANALYSIS OF MPS3 SUN DOMAIN MUTANTS IN SACCHAROMYCES CEREVISIAE REVEALS AN INTERACTION WITH THE SUN-LIKE PROTEIN SLP1 G3 (BETHESDA) 2012,2 1703-1718 16 GAERTNER B, JOHNSTON J, CHEN K, WALLASCHEK N, PAULSON A, GARRUSS AS, GAUDENZ K, DE KUMAR B, KRUMLAUF R, ZEITLINGER J POISED RNA POLYMERASE II CHANGES OVER DEVELOPMENTAL TIME AND PREPARES GENES FOR FUTURE EXPRESSION CELL REP 2012,2 1670-1683 17 GILMORE JM, SARDIU ME, VENKATESH S, STUTZMAN B, PEAK A, SEIDEL CW, WORKMAN JL, FLORENS L, WASHBURN MP CHARACTERIZATION OF A HIGHLY CONSERVED HISTONE RELATED PROTEIN, YDL156W, AND ITS FUNCTIONAL ASSOCIATIONS USING QUANTITATIVE PROTEOMIC ANALYSES MOL CELL PROTEOMICS 2012,11 M111 011544 18 GHOSH S, GARDNER JM, SMOYER CJ, FRIEDERICHS JM, UNRUH JR, SLAUGHTER BD, ALEXANDER R, CHISHOLM RD, LEE KK, WORKMAN JL, JASPERSEN SL ACETYLATION OF THE SUN PROTEIN MPS3 BY ECO1 REGULATES ITS FUNCTION IN NUCLEAR ORGANIZATION MOL BIOL CELL 2012,23 2546-2559 19 GOTTSCHALK AJ, TRIVEDI RD, CONAWAY JW, CONAWAY RC ACTIVATION OF THE SNF2 FAMILY ATPASE ALC1 BY POLY(ADP-RIBOSE) IN A STABLE ALC1{MIDDLE DOT}PARP1{MIDDLE DOT} NUCLEOSOME INTERMEDIATE J BIOL CHEM 2012,287 43527-43532 20 HERZ HM, MOHAN M, GARRUSS AS, LIANG K, TAKAHASHI YH, MICKEY K, VOETS O, VERRIJZER CP, SHILATIFARD A ENHANCER-ASSOCIATED H3K4 MONOMETHYLATION BY TRITHORAX-RELATED, THE DROSOPHILA HOMOLOG OF MAMMALIAN MLL3/MLL4 GENES DEV 2012,26 2604-2620 21 HERZ HM, MOHAN M, GARRETT AS, MILLER C, CASTO D, ZHANG Y, SEIDEL C, HAUG JS, FLORENS L, WASHBURN MP, YAMAGUCHI M, SHIEKHATTAR R, SHILATIFARD A POLYCOMB REPRESSIVE COMPLEX 2-DEPENDENT AND -INDEPENDENT FUNCTIONS OF JARID2 IN TRANSCRIPTIONAL REGULATION IN DROSOPHILA MOL CELL BIOL 2012,32 1683-1693 22 KA</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT		<p>IPA BR, SHAO H, SCHAFFER G, TRNKIEWITZ T, GROTH V, LIU J, BECK L, ABMAYR SM, ONEL SF DOCK M EDIATES SCAR- AND WASP-DEPENDENT ACTIN POLYMERIZATION THROUGH INTERACTION WITH CELL ADHESION MOLECULES IN FOUNDER CELLS AND FUSION-COMPETENT MYOBLASTS [PUBLISHED AHEAD OF PRINT SEPTEMBER 19 2012] J CELL SCI 2012; 23 KANAKOUSAKI K, GIBSON MC A DIFFERENTIAL REQUIREMENT FOR SUMOYLATION IN PROLIFERATING AND NON-PROLIFERATING CELLS DURING DROSOPHILA DEVELOPMENT 2012;139 2751-2762 24 KIMS, MA L, JENSEN KL, KIM MM, BOND CT, ADELMAN JP, YU CR PARADOXICAL CONTRIBUTION OF SK3 AND GIRK CHANNELS TO THE ACTIVATION OF MOUSE VOMERONASAL ORGAN NAT NEUROSCI 2012;15 1236-1244 25 KORFALI N, WILKIE GS, SWANSON SK, SRINIVAS V, DE LAS HERAS J, BATRAKOU DG, MALIK P, ZULEGER N, KERR AR, FLORENS L, SCHIRMER EC THE NUCLEAR ENVELOPE PROTEOME DIFFERS NOTABLY BETWEEN TISSUES NUCLEUS 2012;3 552-564 26 KUMAR S, SANDELL LL, TRAINOR PA, KOENTGEN F, DUESTER G ALCOHOL AND ALDEHYDE DEHYDROGENASES RETINOID METABOLIC EFFECTS IN MOUSE KNOCKOUT MODELS BIOCHIM BIOPHYS ACTA 2012;1821 198-205 27 KURYAN BG, KIM J, TRAN NNH, LOMBARDO SR, VENKATESH S, WORKMAN JL, CAREY M HIS TONE DENSITY IS MAINTAINED DURING NUCLEOSOMAL TRANSCRIPTION MEDIATED BY RSC AND NAP1 IN VITRO PNAS 2012;109 1931-1936 28 LABBE RM, IRIMIA M, CURRIE KW, LIN A, ZHU SJ, BROWN DD, ROSS EJ, VOISIN V, BADER GD, BLENCOWE BJ, PEARSON BJ A COMPARATIVE TRANSCRIPTOMIC ANALYSIS REVEALS CONSERVED FEATURES OF STEM CELL PLURIPOTENCY IN PLANARIANS AND MAMMALS STEM CELLS 2012;30 1734-1745 29 LEE JS, GARRETT A, YEN K, TAKAHASHI YH, JACKSON J, SEIDEL C, PUGH BF, SHILATIFARD A LEE JS, GARRETT AS, YEN K, TAKAHASHI YH, HU D, JACKSON J, SEIDEL C, PUGH BF, SHILATIFARD A CO-DEPENDENCY OF H2B MONOUBIQUITINATION AND NUCLEOSOME RE-ASSEMBLY ON CHD1 GENES DEV 2012; 26 914-919 30 LIN C-H, PAULSON A, ABMAYR SM, WORKMAN JL HP1A TARGETS THE DROSOPHILA KDM4A DEMETHYLASE TO A SUBSET OF HETEROCHROMATIC GENES TO REGULATE H3K36ME3 LEVELS PLOS ONE 2012 E39758</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT		<p>31 LUO Z, LIN C, GUEST E, GARRETT AS, MOHAGHEGH N, SWANSON S, MARSHALL S, FLORENS L, WASH BURN MP, SHILATIFARD A THE SUPER ELONGATION COMPLEX FAMILY OF RNA POLYMERASE II ELONGATION FACTORS GENE TARGET SPECIFICITY AND TRANSCRIPTIONAL OUTPUT MOL CELL BIOL 2012,32 2608 -2617 32 MA L, QIU Q, GRADWOHL S, SCOTT A, YU EQ, ALEXANDER R, WIEGRAEBE W, YU CR DISTRIBUTED REPRESENTATION OF CHEMICAL FEATURES AND TUNOTOPIC ORGANIZATION OF GLOMERULI IN THE MOUSE OLFACTORY BULB PROC NATL ACAD SCI U S A 2012,109 5481-5486 33 MAJUMDAR A, CESARIO WC, WHITE-GRINDLEY E, JIANG H, REN F, KHAN MR, LI L, CHOI EM, KANNAN K, GUO F, UNRUH J, SLAUGHTER B, SIK CRITICAL ROLE OF AMYLOID-LIKE OLIGOMERS OF DROSOPHILA ORB2 IN THE PERSISTENCE OF MEMORY CELL 2012,148 515-529 34 MCLENNAN R, DYSON L, PRATHER KW, MORRISON JA , BAKER RE, MAINI PK, KULESA PM MULTISCALE MECHANISMS OF CELL MIGRATION DURING DEVELOPMENT THEORY AND EXPERIMENT DEVELOPMENT 2012,139 2935-2944 35 MILLER DE, HAWLEY RS BISPHENOL A AND THE PRIMATE OVARY PROC NATL ACAD SCI U S A 2012,109 17315-17316 36 MORRISON JA, BAILEY CM, KULESA PM GENE PROFILING IN THE AVIAN EMBRYO USING LASER CAPTURE MICRODISSECTION AND RT-QPCR [PUBLISHED AHEAD OF PRINT DECEMBER 5 2012] COLD SPRING HARB PROTOC 2012 37 PINTO IM, RUBINSTEIN B, KUCHARAVY A, UNRUH J, LI R ACTIN DEPOLYMERIZATION DRIVES ACTOMYOSIN RING CONTRACTION DURING BUDDING YEAST CYTOKINESIS DEV CELL 2012,22 1247-1260 38 RIDENOUR DA, MCKINNEY MC, BAILEY CM, KULESA PM CYCLETRAK A NOVEL SYSTEM FOR THE SEMI-AUTOMATED ANALYSIS OF CELL CYCLE DYNAMICS DEV BIOL 2012,365 189-195 39 RUBINSTEIN B , SLAUGHTER BD, LI R WEAKLY NONLINEAR ANALYSIS OF SYMMETRY BREAKING IN CELL POLARITY MODELS PHYS BIOL 2012,9 045006 40 SAKAI D, DIXON J, DIXON MJ, TRAINOR PA MAMMALIAN NEUROGENESIS REQUIRES TREACLE-PLK1 FOR PRECISE CONTROL OF SPINDLE ORIENTATION, MITOTIC PROGRESSION, AND MAINTENANCE OF NEURAL PROGENITOR CELLS PLOS GENET 2012,8 E1002566 41 SANDELL L L, LYNN ML, INMAN KE, MCDOWELL W, TRAINOR PA RDH10 OXIDATION OF VITAMIN A IS A CRITICAL CONTROL STEP IN SYNTHESIS OF RETINOIC ACID DURING MOUSE EMBRYOGENESIS PLOS ONE 2012,7 E30 698 42 SELA D, CHEN L, MARTIN-BROWN S, WASHBURN MP, FLORENS L, CONAWAY JW, CONAWAY RC ENDOPLASMIC RETICULUM STRESS-RESPONSIVE TRANSCRIPTION FACTOR ATF6ALPHA DIRECTS RECRUITMENT OF THE MEDIATOR OF RNA POLYMERASE II TRANSCRIPTION AND MULTIPLE HISTONE ACETYLTTRANSFERASE COMPLEXES J BIOL CHEM 2012,287 23035-23045 43 SHIVARAJU M, UNRUH JR, SLAUGHTER BD, MATINGLY M, BERMAN J, GERTON JL CELL-CYCLE-COUPLED STRUCTURAL OSCILLATION OF CENTROMERIC NUCLEOSOMES IN YEAST CELL 2012,150 304-316 44 SMITH KT, SARDIUME, MARTIN-BROWN SA, SEIDEL C, MUSHEGIAN A, EGIDY R, FLORENS L, WASHBURN MP, WORKMAN JL HUMAN FAMILY WITH SEQUENCE SIMILARITY 60 MEMBER A (FAM60A) PROTEIN A NEW SUBUNIT OF THE SIN3 DEACETYLASE COMPLEX MOL CELL PROTEOMICS 2012,11 1815-1828 45 SMOLLE M, VENKATESH S, GOGOL MM, LI H, ZHANG Y, FLORENS L, WASHBURN MP, WORKMAN JL CHROMATIN REMODELERS ISW1 AND CHD1 MAINTAIN CHROMATIN STRUCTURE DURING TRANSCRIPTION BY PREVENTING HISTONE EXCHANGE NAT STUCT MOL BIOL 2012,19 884-892 46 STEINBERG XP, HEPP MI, FERNANDEZ GARCIA Y, SUGANUMA T, SWANSON SK, WASHBURN M, WORKMAN JL, GUTIERREZ JL HUMAN CCAAT/ENHANCER-BINDING PROTEIN BETA INTERACTS WITH CHROMATIN REMODELING COMPLEXES OF THE IMITATION SWITCH SUBFAMILY BIOCHEMISTRY 2012 47 SUGANUMA T, MUSHEGIAN A, SWANSON SK, FLORENS L, WASHBURN MP, WORKMAN JL A METAZOAN ATAC ACETYLTRANSFERASE SUBUNIT THAT REGULATES MAP KINASE SIGNALING IS RELATED TO AN ANCIENT MOLYBDOPTERIN SYNTHASE COMPONENT MOL CELL PROTEOMICS 2012 48 SUGIMURA R, HEXC, VENKATRAMAN A , ARAIF, BOX A, SEMERAD C, HAUG JS, PENG L, ZHONG XB, SUDA T, LI L NONCANONICAL WNT SIGNALING MAINTAINS HEMATOPOIETIC STEM CELLS IN THE NICHE CELL 2012,150 351-365 49 SURANEN IP, RUBINSTEIN B, UNRUH JR, DURNIN M, HANEIN D, LI R THE ARP2/3 COMPLEX IS REQUIRED FOR LAMELLIPODIA EXTENSION AND DIRECTIONAL FIBROBLAST CELL MIGRATION J CELL BIOL 2012,197 23 9-251 50 TAKEO S, SWANSON SK, NANDANAN K, NAKAI Y, AIGAKI T, WASHBURN MP, FLORENS L, HAWLEY RS SHAGGY/GLYCOGEN SYNTHASE KINASE 3BETA AND PHOSPHORYLATION OF SARAH/REGULATOR OF CALCINEURIN ARE ESSENTIAL FOR COMPLETION OF DROSOPHILA FEMALE MEIOSIS PROC NATL ACAD SCI U S A 2012,109 6382-6389 51 TANG W, KANNAN R, BLANCHETTE M, BAUMANN P TELOMERASE RNA BIOGENESIS INVOLVES SEQUENTIAL BINDING BY SM AND LSM COMPLEXES NATURE 2012,484 260-264 52 TUKC, PEARSON BJ, SANCHEZ ALVARADO A TORC1 IS REQUIRED TO BALANCE CELL PROLIFERATION AND CELL DEATH IN PLANARIANS DEV BIOL 2012,365 458-469 53 VENKATESH S, SMOLLE M, LI H, GOGOL MM, SAINT M, KUMAR S, NATARAJAN K, WORKMAN JL SET2 METHYLATION OF HISTONE H3 LYSINE36 SUPPRESSES HISTONE EXCHANGE ON TRANSCRIBED GENES NATURE 2012,489 452-455 54 WANG L, GUO H, REYES N, LEE S, BORTZ E, GUO F, SUN R, TONG L, DENG H DISTINCT DOMAINS IN ORF52 TEGUMENT PROTEIN MEDIATE ESSENTIAL FUNCTIONS IN MURIN</p>

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FORM 990, PART III, LINE 4 CONT		<p>COMPETITIVE RESEARCH GRANT FUNDING &amp; RESEARCH AWARDS &amp; DISTINCTIONS THE ABILITY OF STOWERS INSTITUTE SCIENTISTS TO RECEIVE INCREASING NUMBERS OF COMPETITIVELY AWARDED RESEARCH GRANTS ATTESTS TO THE HIGH LEVEL OF RESEARCH PRODUCTIVITY PRESENT AT THE INSTITUTE. DURING 2012, STOWERS SCIENTISTS WORKED WITH THE SUPPORT OF 24 GRANTS AND FELLOWSHIPS FROM THE NATIONAL INSTITUTES OF HEALTH, FOUR GRANTS AND FELLOWSHIPS FROM THE AMERICAN CANCER SOCIETY, ONE FELLOWSHIP FROM THE LEUKEMIA AND LYMPHOMA SOCIETY, ONE FELLOWSHIP FROM THE AMERICAN HEART ASSOCIATION, ONE FELLOWSHIP FROM THE AMERICAN ASSOCIATION OF ANATOMISTS, ONE FELLOWSHIP FROM THE LIFE SCIENCES RESEARCH FOUNDATION, ONE FELLOWSHIP FROM THE DAMON RUNYON CANCER RESEARCH FOUNDATION, ONE FELLOWSHIP FROM THE JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE, ONE AWARD FROM THE ELLISON MEDICAL FOUNDATION, ONE GRANT FROM THE GREATER KANSAS CITY COMMUNITY FOUNDATION, ONE HUDSON PRIZE FROM THE MRS. AND EVELYN HUDSON FOUNDATION, TWO AWARDS FROM THE UNIVERSITY OF KANSAS CANCER CENTER, ONE GRANT FROM THE HEARING HEALTH FOUNDATION, AND TWO INVESTIGATOR AWARDS FROM THE HOWARD HUGHES MEDICAL INSTITUTE. WITH NEW AND RECURRING GRANT SUPPORT, THE INSTITUTE IS RECEIVING MORE THAN \$8 MILLION A YEAR IN RESEARCH FUNDING TO SUPPLEMENT THE INCOME FROM ITS ENDOWMENTS. TESTIFYING TO THE HIGH LEVEL OF ACHIEVEMENT TAKING PLACE AT THE INSTITUTE ARE THE AWARDS AND HONORS INSTITUTE SCIENTISTS RECEIVED IN 2012 - ANNITA ACHILLEOS, PH.D., POSTDOCTORAL RESEARCH ASSOCIATE IN THE TRAINOR LAB, RECEIVED A FELLOWSHIP FROM THE AMERICAN ASSOCIATION OF ANATOMISTS, EFFECTIVE IN JANUARY - LAURENCE FLORENS, PH.D., HEAD, PROTEOMICS, RECEIVED A SUB-AWARD FROM A NATIONAL INSTITUTES OF HEALTH GRANT AWARDED TO THE UNIVERSITY OF INDIANA, EFFECTIVE IN DECEMBER - ERIN GUEST, MD, VISITING SCIENTIST IN THE SHILATIFARD LAB, RECEIVED A GRANT FROM THE UNIVERSITY OF KANSAS CANCER CENTER EFFECTIVE IN MAY - LINHENG LI, PH.D., INVESTIGATOR, RECEIVED A NATIONAL INSTITUTES OF HEALTH GRANT, EFFECTIVE IN SEPTEMBER AND A GRANT FROM THE UNIVERSITY OF KANSAS CANCER CENTER EFFECTIVE IN DECEMBER - TATJANA PIOTROWSKI, PH.D., ASSOCIATE INVESTIGATOR, RECEIVED A GRANT FROM THE HEARING HEALTH FOUNDATION EFFECTIVE IN MAY - TAMARA POTAPOVA, PH.D., POSTDOCTORAL RESEARCH ASSOCIATE IN THE RONG LI LAB, RECEIVED A FELLOWSHIP FROM THE AMERICAN CANCER SOCIETY, EFFECTIVE IN JULY - ALI SHILATIFARD, PH.D., INVESTIGATOR, RECEIVED A NATIONAL INSTITUTES OF HEALTH GRANT, EFFECTIVE IN SEPTEMBER - JERRY WORKMAN, PH.D., INVESTIGATOR, AND SUSAN ABMAYR, PH.D., ASSOCIATE INVESTIGATOR, RECEIVED A NATIONAL INSTITUTES OF HEALTH GRANT, EFFECTIVE IN MAY - JULIA ZEITLINGER, PH.D., ASSOCIATE INVESTIGATOR, RECEIVED THE 2012 HUDSON PRIZE FROM THE MRS. AND EVELYN HUDSON FOUNDATION, EFFECTIVE IN JULY. COOPERATION AGREEMENTS AND COLLABORATIONS THE STOWERS INSTITUTE CONTINUED COLLABORATIONS IN 2012 WITH HOSPITALS IN KANSAS CITY (CHILDREN'S MERCY, AND ST. LUKE'S) AND BOSTON (BRIGHAM AND WOMEN'S HOSPITAL) AND ADDED NEW COLLABORATIONS IN MEMPHIS (ST. JUDE'S CHILDREN'S HOSPITAL) AND TORONTO (HOSPITAL FOR SICK CHILDREN). THE INSTITUTE ALSO COLLABORATES WITH THE UNIVERSITY OF MISSOURI AT KANSAS CITY, THE UNIVERSITY OF MISSOURI MEDICAL CENTER, THE UNIVERSITY OF KANSAS MEDICAL CENTER, THE UNIVERSITY OF KANSAS MEDICAL SCHOOL, DAVID GEFFEN SCHOOL OF MEDICINE AT UCLA, THE ERASMUS UNIVERSITY MEDICAL CENTER, THE HOWARD HUGHES MEDICAL INSTITUTE, HARVARD UNIVERSITY, HARVARD MEDICAL SCHOOL, THE INDIANA UNIVERSITY SCHOOL OF MEDICINE, THE NEW YORK UNIVERSITY SCHOOL OF MEDICINE, ST. LOUIS UNIVERSITY SCHOOL OF MEDICINE, STANFORD UNIVERSITY AND THE STANFORD UNIVERSITY SCHOOL OF MEDICINE, THE UNIVERSITY OF CALIFORNIA, DAVIS, LOS ANGELES, SAN DIEGO, AND SAN FRANCISCO, THE UNIVERSITY OF COLORADO SCHOOL OF MEDICINE, THE UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL, THE UNIVERSITY OF MICHIGAN MEDICAL SCHOOL, THE UNIVERSITY OF NEBRASKA MEDICAL CENTER, UNIVERSITY OF NORTH DAKOTA SCHOOL OF MEDICINE &amp; HEALTH SCIENCES, THE UNIVERSITY OF PENNSYLVANIA SCHOOL OF MEDICINE, THE UNIVERSITY OF PITTSBURGH SCHOOL OF MEDICINE, THE UNIVERSITY OF TEXAS M.D. ANDERSON CANCER CENTER, THE UNIVERSITY OF VIRGINIA MEDICAL SCHOOL, UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER, UNIVERSITY OF UTAH SCHOOL OF MEDICINE, VANDERBILT UNIVERSITY SCHOOL OF MEDICINE AND WASHINGTON UNIVERSITY IN ST. LOUIS SCHOOL OF MEDICINE, MOST OF WHICH ARE ASSOCIATED WITH TEACHING AND RESEARCH HOSPITALS. IN TOTAL, STOWERS RESEARCHERS SUCCESSFULLY COLLABORATED WITH COLLEAGUES AT 82 NATIONAL AND 58 INTERNATIONAL UNIVERSITIES AND RESEARCH INSTITUTES. IN ADDITION TO THE INSTITUTIONS LISTED ABOVE, COLLABORATORS INCLUDE AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH, SINGAPORE, BCM CENTER FOR CELL AND GENE THERAPY, BIOZENTRUM UNIVERSITY OF BASEL, BROWN UNIVERSITY, BURNHAM INSTITUTE FOR MEDICAL RESEARCH, CALIFORNIA INSTITUTE OF TECHNOLOGY, CARNEGIE INSTITUTION OF WASHINGTON, N. MEDICAL COLLEGE, VELLORE, CNRS CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE.</p>

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FORM 990, PART III, LINE 4 CONT		<p>COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, COLUMBIA UNIVERSITY, COLLEGE OF PHYSICIANS AND SURGEONS, CSIC - INSTITUTO DE PARASITOLOGIA Y BIOMEDICINA LOPEZ NEYRA IPBLN, DALHOUSIE UNIVERSITY, DANA-FARBER CANCER INSTITUTE, DARTMOUTH MEDICAL SCHOOL, ECOLE POLYTECHNIQUE, EMORY UNIVERSITY, EUROPEAN MOLECULAR BIOLOGY LABORATORY HEIDELBERG, EXPERIMENTAL THERAPEUTICS AND TRANSLATIONAL RESEARCH ONCOLOGY, FUDAN UNIVERSITY, GIFU UNIVERSITY SCHOOL OF MEDICINE, GRADUATE UNIVERSITY OF CHINESE ACADEMY OF SCIENCES, HARVARD SCHOOL OF PUBLIC HEALTH, HELSINGIN YLIOPISTO, HOKKAIDO UNIVERSITY SCHOOL OF MEDICINE, ICAHN MEDICAL INSTITUTE, IDEXX LABORATORIES, INDIANA UNIVERSITY, INSERM, INSTITUTE OF BIOPHYSICS CHINESE ACADEMY OF SCIENCES, INSTITUTE OF MEDICAL BIOLOGY, SINGAPORE, IRB BARCELONA - INSTITUTE FOR RESEARCH IN BIOMEDICINE, JAWAHARLAL NEHRU UNIVERSITY, KANSAS STATE UNIVERSITY AT MANHATTAN, KEENE STATE COLLEGE, KEIO UNIVERSITY, KOCHI MEDICAL SCHOOL, KOREA ADVANCED INSTITUTE OF SCIENCE &amp; TECHNOLOGY, KYOTO INSTITUTE OF TECHNOLOGY, LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY, LSU HEALTH SCIENCES CENTER - SHREVEPORT, MANCHESTER ACADEMIC HEALTH SCIENCE CENTRE, MCGILL UNIVERSITY, MEDICAL RESEARCH COUNCIL, MERRIMACK PHARMACEUTICALS, INC, MRC MAMMALIAN GENETICS UNIT, MRC NATIONAL INSTITUTE FOR MEDICAL RESEARCH, MSM PROTEIN TECHNOLOGIES, NARA INSTITUTE OF SCIENCE AND TECHNOLOGY, NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES, NATIONAL UNIVERSITY OF SINGAPORE, NIJMEGEN CENTRE FOR MOLECULAR LIFE SCIENCES - NCMLS, NORTHWESTERN UNIVERSITY, ONTARIO CANCER INSTITUTE, ONTARIO INSTITUTE FOR CANCER RESEARCH, OPEN UNIVERSITY, , OREGON HEALTH AND SCIENCE UNIVERSITY, OZGENE PTY LTD, PENNSYLVANIA STATE UNIVERSITY, PROMEGA CORPORATION, RESEARCH INSTITUTE OF MOLECULAR PATHOLOGY, VIENNA, ROCKHURST UNIVERSITY, ROYAL VETERINARY COLLEGE UNIVERSITY OF LONDON, SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE, SICHUAN UNIVERSITY, SIR WILLIAM DUNN SCHOOL OF PATHOLOGY, TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY, THE COLLEGE OF WILLIAM AND MARY, THE UCLA SCHOOL OF DENTISTRY, THE UNIVERSITY OF BRITISH COLUMBIA, THE UNIVERSITY OF CALIFORNIA, SANTA BARBARA, THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, THE WISTAR INSTITUTE, TOKYO MEDICAL AND DENTAL UNIVERSITY, TOKYO METROPOLITAN UNIVERSITY, ULSAN UNIVERSITY, UNIVERSITÄT FREIBURG IM BREISGAU, UNIVERSITÄT SHERBROOKE, UNIVERSITY OF ALABAMA AT BIRMINGHAM, UNIVERSITY OF BATH, UNIVERSITY OF CINCINNATI, UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER, UNIVERSITY OF CONCEPCION - CHILE, UNIVERSITY OF EDINBURGH, UNIVERSITY OF GLASGOW, UNIVERSITY OF KENTUCKY COLLEGE OF MEDICINE, UNIVERSITY OF LOUISVILLE, UNIVERSITY OF LOUISVILLE HEALTH SCIENCES CENTER, UNIVERSITY OF MANCHESTER, UNIVERSITY OF MIAMI, UNIVERSITY OF MICHIGAN, UNIVERSITY OF NEW ORLEANS, UNIVERSITY OF OKLAHOMA, UNIVERSITY OF OXFORD, UNIVERSITY OF PENNSYLVANIA, UNIVERSITY OF PENNSYLVANIA, SCHOOL OF MEDICINE, UNIVERSITY OF PITTSBURGH, UNIVERSITY OF TOKUSHIMA, UNIVERSITY OF TORONTO, UNIVERSITY OF TSUKUBA, UNIVERSITY OF WISCONSIN MADISON, UNIVERSITY OF WYOMING, VANDERBILT UNIVERSITY, VIRGINIA COMMONWEALTH UNIVERSITY, WEIZMANN INSTITUTE OF SCIENCE ISRAEL, YALE UNIVERSITY, YONSEI UNIVERSITY</p>

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FORM 990, PART III, LINE 4 CONT		<p>INDEPENDENT RESEARCH PROGRAM LEADERS LABORATORIES INDIVIDUAL SCIENTISTS AT THE STOWERS INSTITUTE SPECIALIZE IN THE STUDY OF ONE OR MORE PARTICULAR GENES, EACH OF WHICH MAY CAUSE OR HAVE INFLUENCE IN VARIOUS KINDS OF DISEASE. A COMPREHENSIVE LIST OF RESEARCH LEADERS FOLLOWS -</p> <p>ROBERT KRUMLAUF, PH.D., SCIENTIFIC DIRECTOR AND INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2000 FROM ENGLAND'S NATIONAL INSTITUTE FOR MEDICAL RESEARCH, THE RIDGEWAY, MILL HILL, LONDON, WHERE HE WAS HEAD OF THE DIVISION OF DEVELOPMENTAL NEUROBIOLOGY. DR. KRUMLAUF RECEIVED A PH.D. IN DEVELOPMENTAL BIOLOGY FROM OHIO STATE UNIVERSITY. RESEARCH FOCUS: ANALYSIS OF MOLECULAR PATHWAYS THAT REGULATE HOW THE MAMMALIAN HEAD, BRAIN AND NERVOUS SYSTEM ARE BUILT, USING A VARIETY OF VERTEBRATE MODEL SYSTEMS -</p> <p>SUSAN ABMAYR, PH.D., ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2003 FROM THE PENNSYLVANIA STATE UNIVERSITY WHERE SHE SERVED AS AN ASSOCIATE PROFESSOR OF MOLECULAR GENETICS. SHE EARNED A PH.D. IN BIOCHEMISTRY AND MOLECULAR BIOLOGY FROM THE ROCKEFELLER UNIVERSITY AND COMPLETED POSTDOCTORAL TRAINING IN THE DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY AT HARVARD UNIVERSITY UNDER THE DIRECTION OF PROFESSOR TOM MANIATIS. RESEARCH FOCUS: MOLECULAR GENETICS OF CELL FATE SPECIFICATION AND DIFFERENTIATION IN DROSOPHILA, USING THE EMBRYONIC DEVELOPMENT OF THE MUSCULATURE AS A MODEL SYSTEM -</p> <p>PETER BAUMANN, PH.D., INVESTIGATOR AND HOWARD HUGHES MEDICAL INSTITUTE EARLY CAREER SCIENTIST, JOINED THE STOWERS INSTITUTE IN 2002 AFTER COMPLETING A HOWARD HUGHES MEDICAL INSTITUTE POSTDOCTORAL FELLOWSHIP IN THE LABORATORY OF DR. THOMAS R. CECCH AT THE UNIVERSITY OF COLORADO-Boulder. DR. BAUMANN RECEIVED A PH.D. IN BIOCHEMISTRY FROM THE IMPERIAL CANCER RESEARCH FUND AND UNIVERSITY COLLEGE, LONDON. RESEARCH FOCUS: FUNCTIONAL ANALYSIS OF TELOMERES AND THEIR ROLES IN CELLULAR IMMORTALITY AND CANCER -</p> <p>MARC O. BLANCHETTE, PH.D., ASSISTANT INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2006 FROM A POSTDOCTORAL POSITION WITH DR. DONALD C. RIO AT THE UNIVERSITY OF CALIFORNIA-BERKELEY WHERE HE WAS RECIPIENT OF A HUMAN FRONTIER LONG-TERM FELLOWSHIP. DR. BLANCHETTE RECEIVED A PH.D. DEGREE IN MICROBIOLOGY FROM THE UNIVERSITÉ DE SHERBROOKE, CANADA. RESEARCH FOCUS: FUNCTIONAL GENOMIC ANALYSIS OF THE MECHANISMS CONTROLLING ALTERNATIVE PRE-MRNA SPLICING -</p> <p>JOAN CONAWAY, PH.D., INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2001 FROM THE OKLAHOMA MEDICAL RESEARCH FOUNDATION WHERE SHE WAS AN ASSOCIATE INVESTIGATOR OF THE HOWARD HUGHES MEDICAL INSTITUTE AND INTERIM HEAD OF THE PROGRAM IN MOLECULAR AND CELL BIOLOGY. DR. CONAWAY RECEIVED HER DOCTORATE IN CELL BIOLOGY FROM STANFORD UNIVERSITY SCHOOL OF MEDICINE. RESEARCH FOCUS: ANALYSIS OF THE MOLECULAR MECHANISM AND REGULATION OF GENE TRANSCRIPTION -</p> <p>RONALD CONAWAY, PH.D., INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2001 FROM THE OKLAHOMA MEDICAL RESEARCH FOUNDATION WHERE HE WAS HOLDER OF THE CHAPMAN CHAIR IN MEDICAL RESEARCH. DR. CONAWAY RECEIVED HIS PH.D. IN BIOCHEMISTRY FROM STANFORD UNIVERSITY SCHOOL OF MEDICINE. RESEARCH FOCUS: ANALYSIS OF THE MOLECULAR MECHANISM AND REGULATION OF GENE TRANSCRIPTION -</p> <p>JENNIFER GERTON, PH.D., ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2002 FROM A POSTDOCTORAL FELLOWSHIP IN THE LABORATORY OF DR. JOSEPH DERISI IN THE DEPARTMENT OF BIOCHEMISTRY AND BIOPHYSICS AT THE UNIVERSITY OF CALIFORNIA-SAN FRANCISCO. DR. GERTON RECEIVED A PH.D. IN MICROBIOLOGY AND IMMUNOLOGY FROM STANFORD UNIVERSITY. RESEARCH FOCUS: GENOMIC AND GENETIC ANALYSIS OF CHROMOSOME SEGREGATION AND CHROMOSOME DYNAMICS -</p> <p>MATTHEW GIBSON, PH.D., ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2006 FROM A JANE COFFIN CHILD MEMORIAL FUND POSTDOCTORAL FELLOWSHIP WITH DR. NORBERT PERRIMON AT HARVARD MEDICAL SCHOOL. DR. GIBSON RECEIVED A PH.D. IN ZOOLOGY FROM THE UNIVERSITY OF WASHINGTON. RESEARCH FOCUS: GENETIC ANALYSIS OF MECHANISMS CONTROLLING SIGNAL TRANSDUCTION, CELL PROLIFERATION, AND EPIGENETIC MORPHOGENESIS DURING DROSOPHILA DEVELOPMENT -</p> <p>R. SCOTT HAWLEY, PH.D., INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2001 FROM THE UNIVERSITY OF CALIFORNIA-DAVIS WHERE HE WAS A PROFESSOR OF GENETICS IN THE MOLECULAR AND CELLULAR BIOLOGY SECTION. DR. HAWLEY EARNED A PH.D. IN GENETICS FROM THE UNIVERSITY OF WASHINGTON AND COMPLETED POSTDOCTORAL TRAINING AS A HELEN HAY WHITNEY FELLOW AT THE INSTITUTE FOR CANCER RESEARCH IN PHILADELPHIA. RESEARCH FOCUS: INVESTIGATION OF MECHANISMS THAT INFLUENCE HOW CHROMOSOMES PAIR AND SEGREGATE DURING MEIOSIS USING DROSOPHILA AS AN EXPERIMENTAL SYSTEM -</p> <p>SUE JASPERSEN, PH.D., ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2005 FROM THE LABORATORY OF DR. MARK WINEY AT THE UNIVERSITY OF COLORADO-Boulder WHERE SHE WAS A KECK FOUNDATION FELLOW, A HELEN HAY WHITNEY FELLOW, AND THE RECIPIENT OF A LEUKEMIA &amp; LYMPHOMA SOCIETY CAREER DEVELOPMENT AWARD. DR. JASPERSEN HOLDS A PH.D. IN BIOCHEMISTRY FROM THE UNIVERSITY OF CALIFORNIA-SAN FRANCISCO. RESEARCH FOCUS: INNER NUCLEAR MEMBRANE PROTEIN</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT		<p>IN LOCALIZATION AND ROLE IN CHROMOSOME POSITIONING AND SEGREGATION - LINHENG LI, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2000 FROM THE UNIVERSITY OF WASHINGTON MEDICAL CENTER WHERE HE HELD A FACULTY APPOINTMENT AFTER COMPLETING POSTDOCTORAL TRAINING IN THE LABORATORY DIRECTED BY DR LEROY HOOD DR LI EARNED HIS PH D IN MOLECULAR AND CELLULAR BIOLOGY FROM NEW YORK UNIVERSITY MEDICAL SCHOOL UNDER THE MENTORING OF DR EDWARD ZIFF RESEARCH FOCUS INVESTIGATION OF MOLECULAR AND GENETIC PATHWAYS CONTROLLING ADULT STEM CELL DEVELOPMENT IN THE HEMATOPOIETIC AND INTESTINAL SYSTEMS USING TRANSGENIC AND GENE TARGETING ANIMAL MODEL APPROACHES - RONG LI, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2005 FROM THE DEPARTMENT OF CELL BIOLOGY AT HARVARD MEDICAL SCHOOL WHERE SHE SERVED AS AN ASSOCIATE PROFESSOR SHE EARNED A PH D IN CELL BIOLOGY AT THE UNIVERSITY OF CALIFORNIA-SAN FRANCISCO WITH DR ANDREW MURRAY AND HELD A DAMON RUNYON-WALTER WINCHELL CANCER RESEARCH FELLOWSHIP AS A POSTDOCTORAL ASSOCIATE WITH DR DAVID DRUBIN AT THE UNIVERSITY OF CALIFORNIA-BERKELEY RESEARCH FOCUS MECHANISM OF CELL POLARIZATION AND CELL MOTILITY, GENOME DYNAMICS AND CELLULAR EVOLVABILITY, AND EPITHELIAL TISSUE MORPHOGENESIS - HO YI MAK, PH D , ASSISTANT INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2006 FROM A HUMAN FRONTIER SCIENCE PROGRAM POSTDOCTORAL FELLOWSHIP IN THE LABORATORY OF DR GARY RUVKUN AT HARVARD MEDICAL SCHOOL DR MAK RECEIVED A PH D IN MOLECULAR PATHOLOGY FROM THE IMPERIAL CANCER RESEARCH FUND AND UNIVERSITY COLLEGE, LONDON RESEARCH FOCUS ANALYSIS OF MOLECULAR PATHWAYS THAT REGULATE CELLULAR FAT STORAGE IN RESPONSE TO NUTRIENT AVAILABILITY AND LIPID METABOLISM</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT		<p>- TATJANA PIOTROWSKI, PH D ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2011 F ROM THE UNIVERSITY OF UTAH'S SCHOOL OF MEDICINE, WHERE SHE WAS AN ASSOCIATE PROFESSOR IN T HE DEPARTMENT OF NEUROBIOLOGY AND ANATOMY SHE RECEIVED HER MASTER'S DEGREE FROM THE UNIVE RSITY OF TBINGEN, GERMANY , AND HER DOCTORATE DEGREE FROM THE MAX PLANCK INSTITUTE FOR DEVE LOPMENTAL BIOLOGY IN TBINGEN RESEARCH FOCUS COLLECTIVE CELL MIGRATION, CELL TYPE SPECIFI CATION AND STEM CELL BIOLOGY IN ZEBRAFISH AS A MODEL SYSTEM - ALEJANDRO SNCHEZ ALVARADO, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2011 FROM THE UNIVERSITY OF UTAH'S SC HOO L OF MEDICINE, WHERE HE HELD THE H A &amp; EDNA BENNING PROFESSORSHIP OF NEUROBIOLOGY AND A NATOMY HE RECEIVED A B S IN MOLECULAR BIOLOGY AND CHEMISTRY FROM VANDERBILT UNIVERSITY I N NASHVILLE, TENN , AND A PH D IN PHARMACOLOGY AND CELL BIOPHYSICS FROM THE UNIVERSITY OF CINCINNATI COLLEGE OF MEDICINE IN CINCINNATI, OHIO RESEARCH FOCUS THE MOLECULAR AND CEL LULAR MECHANISMS UNDERPINNING ANIMAL REGENERATION USING THE PLANARIAN SCHMIDTEA MEDITERRAN EA AS A MODEL SYSTEM - ALI SHILATIFARD, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2007 FROM THE SAINT LOUIS UNIVERSITY SCHOOL OF MEDICINE WHERE HE WAS A PROFESSOR OF BIO CHEMISTRY AND ASSOCIATE DIRECTOR FOR BASIC SCIENCES AT THE SAINT LOUIS UNIVERSITY CANCER C ENTER DR SHILATIFARD EARNED A PH D IN BIOCHEMISTRY FROM THE UNIVERSITY OF GEORGIA AND T HE UNIVERSITY OF OKLAHOMA SCHOOL OF MEDICINE AND COMPLETED POSTDOCTORAL TRAINING AS A JANE COFFIN CHILDS FELLOW AT THE OKLAHOMA MEDICAL RESEARCH FOUNDATION RESEARCH FOCUS MOLECUL AR PATHWAY OF LEUKEMOGENESIS - KAUSIK SI, PH D , ASSOCIATE INVESTIGATOR, JOINED THE STOWER S INSTITUTE IN 2005 FROM THE LABORATORY OF DR ERIC KANDEL AT COLUMBIA UNIVERSITY CENTER F OR NEUROBIOLOGY AND BEHAVIOR WHERE HE WAS A JANE COFFIN CHILDS FELLOW AND A FRANCIS GOELET FELLOW IN NEUROSCIENCE DR SI EARNED A PH D IN MOLECULAR BIOLOGY FROM THE ALBERT EINSTE IN COLLEGE OF MEDICINE RESEARCH FOCUS ROLE OF SYNAPTIC PROTEIN SYNTHESIS IN INFORMATION ACQUISITION AND MEMORY STORAGE - PAUL TRAINOR, PH D , INVESTIGATOR, JOINED THE STOWERS INS TITUTE IN 2001 FROM A RESEARCH POSITION AT THE NATIONAL INSTITUTE FOR MEDICAL RESEARCH AT MILL HILL, LONDON, WHERE HE COMPLETED POSTDOCTORAL TRAINING DR TRAINOR HAS A PH D IN DE VELOPMENTAL BIOLOGY FROM CHILDREN'S MEDICAL RESEARCH INSTITUTE AT THE UNIVERSITY OF SYDNEY , AUSTRALIA RESEARCH FOCUS INVESTIGATION OF THE INTERACTIONS BETWEEN DISTINCT TISSUES IN THE BODY AND THEIR REGULATION DURING NORMAL DEVELOPMENT TO REVEAL PATHWAYS THAT REGULATE NORMAL CRANIAL AND FACIAL DEVELOPMENT - JERRY WORKMAN, PH D , INVESTIGATOR, JOINED THE STO WERS INSTITUTE IN 2003 FROM THE PENNSYLVANIA STATE UNIVERSITY WHERE HE HELD THE PAUL BERG PROFESSORSHIP OF BIOCHEMISTRY AND WAS AN ASSOCIATE INVESTIGATOR OF THE HOWARD HUGHES MEDIC AL INSTITUTE DR WORKMAN EARNED A PH D IN CELL AND MOLECULAR BIOLOGY FROM THE UNIVERSITY OF MICHIGAN AND COMPLETED POSTDOCTORAL TRAINING AT THE ROCKEFELLER UNIVERSITY WITH DR BO B ROEDER RESEARCH FOCUS STUDY OF THE PROTEIN COMPLEXES THAT MODIFY CHROMATIN - TING XIE, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2000 AFTER COMPLETING A HOWARD HUGHE S MEDICAL INSTITUTE POSTDOCTORAL FELLOWSHIP IN THE LABORATORY OF DR ALLAN C SPRADLING AT THE CARNEGIE INSTITUTION OF WASHINGTON DR XIE RECEIVED HIS PH D FROM THE JOINT GRADUAT E PROGRAM IN MOLECULAR BIOLOGY AND BIOCHEMISTRY OF RUTGERS UNIVERSITY AND THE UNIVERSITY O F MEDICINE AND DENTISTRY OF NEW JERSEY RESEARCH FOCUS GENETIC AND MOLECULAR ANALYSIS OF STEM CELLS AND GERM CELL DEVELOPMENT IN DROSOPHILA AND MOUSE - C RON YU, PH D , ASSISTANT INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2005 FROM THE LABORATORY OF DR RICHARD AXEL AT COLUMBIA UNIVERSITY CENTER FOR NEUROBIOLOGY AND BEHAVIOR WHERE HE HELD A NATIONAL INS TITUTES OF HEALTH MENTORED RESEARCH SCIENTIST AWARD FROM THE NATIONAL INSTITUTE OF MENTAL HEALTH DR YU EARNED HIS PH D IN MOLECULAR, CELLULAR, AND BIOPHYSICAL STUDIES AT COLUMBI A UNIVERSITY RESEARCH FOCUS HOW OLFACTORY SENSORY INFORMATION IS DETECTED, INTEGRATED, A ND PROCESSED IN THE BRAIN TO INFLUENCE SPECIFIC INNATE BEHAVIORS - JULIA ZEITLINGER, PH D , ASSISTANT INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2007 FROM THE LAB OF DR RICHARD YOUNG AT THE WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH AT MASSACHUSETTS INSTITUTE OF TE CHNOLOGY WHERE SHE WAS THE RECIPIENT OF A LONG- TERM POSTDOCTORAL FELLOWSHIP FROM THE HUMAN FRONTIER SCIENCE PROGRAM DR ZEITLINGER EARNED A PH D IN MOLECULAR BIOLOGY FROM THE EUR OPEAN MOLECULAR BIOLOGY LABORATORY IN HEIDELBERG, GERMANY RESEARCH FOCUS ANALYSIS OF THE GENE REGULATORY NETWORKS UNDERLYING CELLULAR DIFFERENTIATION TECHNOLOGY CENTERS - PAUL KULESA, PH D , DIRECTOR OF IMAGING, JOINED THE STOWERS INSTITUTE IN 2002 AFTER COMPLETING A BURROUGHS WELLCOME FUND POSTDOCTORAL FELLOWSHIP IN THE LABORATORY OF DR SCOTT E FRASER A T THE CALIFORNIA INSTITUTE OF TECHNOLOGY DR KULE</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT		SA RECEIVED A PH D IN APPLIED MATHEMATICS UNDER DR J D MURRAY AT THE UNIVERSITY OF WASH INGTON RESEARCH FOCUS CELL MIGRATION IN DEVELOPMENT AND CANCER - ARCADY MUSHEGIAN, PH D , DIRECTOR OF BIOINFORMATICS RESEARCH, JOINED THE STOWERS INSTITUTE IN 2001 FROM AKKADIX C ORPORATION IN SAN DIEGO WHERE HE LED THE BIOINFORMATICS PROGRAM DR MUSHEGIAN EARNED A DO CTORATE IN MOLECULAR BIOLOGY AT MOSCOW STATE UNIVERSITY AND RECEIVED TRAINING AT THE UNIVE RSITY OF KENTUCKY , UNIVERSITY OF WASHINGTON, AND WITH DR EUGENE KOONIN AT THE NATIONAL CE NTER FOR BIOTECHNOLOGY INFORMATION AT THE U S NATIONAL INSTITUTES OF HEALTH RESEARCH FOC US COMPUTATIONAL ANALY SIS OF GENES AND PROTEINS MICHAEL WASHBURN, PH D , DIRECTOR OF PROT EOMICS, JOINED THE STOWERS INSTITUTE IN 2003 FROM THE TORREY MESA RESEARCH INSTITUTE IN SA N DIEGO WHERE HE WAS A SENIOR STAFF SCIENTIST IN PROTEOMICS HE EARNED A PH D IN BIOCHEMI STRY AND ENVIRONMENTAL TOXICOLOGY FROM MICHIGAN STATE UNIVERSITY BEFORE COMPLETING A POSTD OCTORAL FELLOWSHIP WITH PROFESSOR JOHN YATES, III IN THE DEPARTMENT OF MOLECULAR BIOTECHNO LOGY AT THE UNIVERSITY OF WASHINGTON RESEARCH FOCUS QUANTITATIVE PROTEOMICS AND PROTEIN COMPLEX DYNAMICS

SCHEDULE R  
(Form 990)

Department of the Treasury  
Internal Revenue Service

Related Organizations and Unrelated Partnerships

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

OMB No 1545-0047

2012

Open to Public Inspection

Name of the organization  
STOWERS INSTITUTE FOR MEDICAL RESEARCH

Employer identification number  
20-2993509

Part I

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

(a) Name, address, and EIN (if applicable) of disregarded entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Total income	(e) End-of-year assets	(f) Direct controlling entity

Part II

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

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Exempt Code section	(e) Public charity status (if section 501(c)(3))	(f) Direct controlling entity	(g) Section 512(b)(13) controlled entity?	
						Yes	No
(1) STOWERS SCIENTIFIC EDUCATION INSTITUTE  1000 EAST 50TH STREET  KANSAS CITY, MO 64110 20-5916445	SUPPORT ORG	DE	501(C)(3)	11A-TYPE I	SIMR	Yes	
(2) STOWERS RESOURCE MANAGEMENTINC  1000 EAST 50TH STREET  KANSAS CITY, MO 64110 41-2186719	SUPPORT ORG	DE	501(C)(3)	11A-TYPE I	SIMR	Yes	
(3) BIOMED VALLEY CORPORATION  1000 EAST 50TH STREET  KANSAS CITY, MO 64110 74-3238244	SUPPORT ORG	DE	501(C)(3)	11A-TYPE I	SIMR	Yes	
(4) STOWERS REAL ESTATE HOLDING CORPORATION  1000 EAST 50TH STREET  KANSAS CITY, MO 64110 26-1472230	TITLE HOLDING	DE	501(C)(2)	N/A	SRM	Yes	
(5) THE GRADUATE SCHOOL OF SIMR  1000 EAST 50TH STREET  KANSAS CITY, MO 64110 27-4482762	EDUCATION	DE	501(C)(3)	2	SIMR	Yes	
(6) STOWERS POLICY INSTITUTE INC  1000 EAST 50TH STREET  KANSAS CITY, MO 64110 20-3270502	SEE PART VII	DE	501(C)(4)	N/A	SIMR	Yes	

Part III

Identification of Related Organizations Taxable as a Partnership (Complete if the organization answered "Yes" to Form 990, Part IV, line 34 because it had one or more related organizations treated as a partnership during the tax year.)

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Predominant income(related, unrelated, excluded from tax under sections 512- 514)	(f) Share of total income	(g) Share of end-of-year assets	(h) Disproportionate allocations?		(i) Code V—UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner?		(k) Percentage ownership
							Yes	No		Yes	No	

Part IV

Identification of Related Organizations Taxable as a Corporation or Trust (Complete if the organization answered "Yes" to Form 990, Part IV, line 34 because it had one or more related organizations treated as a corporation or trust during the tax year.)

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end- of-year assets	(h) Percentage ownership	(i) Section 512 (b)(13) controlled entity?	
								Yes	No
(1) BIOMED VALLEY DISCOVERIESINC  4520 MAIN ST SUITE 1650 KANSAS CITY, MO 64111 06-1646533	SEE PART VII	DE	BVC	C CORP				Yes	

Part V

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

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

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

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

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

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

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

e Loans or loan guarantees by related organization(s)

f Dividends from related organization(s)

g Sale of assets to related organization(s)

h Purchase of assets from related organization(s)

i Exchange of assets with related organization(s)

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

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

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

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

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

o Sharing of paid employees with related organization(s)

p Reimbursement paid to related organization(s) for expenses

q Reimbursement paid by related organization(s) for expenses

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

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

Yes

No

1a Yes

1b Yes

1c Yes

1d

1e

1f

1g

1h

1i

1j

1k Yes

1l

1m

1n Yes

1o Yes

1p Yes

1q Yes

1r

1s

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

(a) Name of other organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved
See Additional Data Table			

Schedule R (Form 990) 2012

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
PART II, LINE 6, COLUMN B		STOWERS POLICY INSTITUTE INC ("SPI") IS AN ADVOCATE FOR A POLITICAL, ECONOMIC, AND SOCIAL ENVIRONMENT THAT ADVANCES AND PROTECTS BIOMEDICAL RESEARCH AND CURES
PART IV, COLUMN B		BIOMED VALLEY DISCOVERIES, INC 'S ("BVD") PRIMARY ACTIVITY IS DEVELOPMENT AND MARKETING OF SCIENTIFIC DISCOVERIES BIOMED VALLEY CORPORATION IS THE 100% SHAREHOLDER OF BVD
PART V, LINE 2 (1)		SIMR RECEIVES ROYALTY PAYMENTS FROM BVD PURSUANT TO A LICENSED TECHONOLOGY AGREEMENT DATED JANUARY 29, 2006 THESE ROYALTY PAYMENTS DO NOT CONSTITUTE GROSS INCOME DERIVED FROM AN UNRELATED TRADE OR BUSINESS UNDER SECTION 512(B)(13) THE ROYALTY PAYMENTS FROM BVD TO SIMR DO NOT REDUCE BVD'S TAXABLE INCOME, WHICH WOULD HAVE BEEN UNRELATED BUSINESS TAXABLE INCOME IF BVD WERE EXEMPT UNDER SECTION 501(C)(3) AND HAD THE SAME EXEMPT PURPOSES AS SIMR IN ADDITION, THE SPECIAL RULE UNDER 512(B)(13)(E) APPLIES
PART V, LINE 2 (2)		SIMR RECEIVED PAYMENTS FROM BVD IN RETURN FOR A TEMPORARY USE OF SPACE
PART V, LINE 2 (3)		SIMR CONTRIBUTED FUNDS TO START THE GRADUATED SCHOOL OF SIMR
PART V, LINE 2 (4)		SSEI PROVIDED FINANCIAL SUPPORT TO SIMR IN FURTHERANCE OF SIMR'S EXEMPT PURPOSE OF CONDUCTING MEDICAL RESEARCH AND SCIENCE EDUCATION ACTIVITIES
PART V, LINE 2 (5)		BVC PROVIDED FINANCIAL SUPPORT TO SIMR TO BE USED BY SIMR IN FURTHERANCE OF SIMR'S EXEMPT PURPOSE OF CONDUCTING MEDICAL RESEARCH AND SCIENCE EDUCATION ACTIVITIES
PART V, LINE 2 (6)		SRM PROVIDED FINANCIAL SUPPORT TO SIMR TO BE USED IN FURTHERANCE OF SIMR'S EXEMPT PURPOSE OF CONDUCTING MEDICAL RESEARCH
PART V, LINE 2 (7)		IN MARCH 2009, SIMR ENTERED INTO A LEASE FOR A 280,000 SQUARE FEET BUILDING WITH STOWERS REAL ESTATE HOLDING CORPORATION ("SREHC"), A 501(C)(2) TAX EXEMPT ORGANIZATION THAT IS A RELATED PARTY OF SIMR SIMR'S LEASE PAYMENTS TO SREHC IN 2012 TOTALED \$2,230,551
PART V, LINE 2 (8)		SIMR REIMBURSED SRM FOR COSTS ASSOCIATED WITH SRM'S ADMINISTRATIVE AND SUPPORT SERVICES PROVIDED TO SIMR SRM IS A SUPPORTING ORGANIZATION TO SIMR
PART V, LINE 2 (9)		SIMR WAS REIMBURSED BY BVD FOR ADMINISTRATIVE AND LOW MARGIN COVERED SERVICES USING THE SERVICE COST METHOD
PART V, LINE 2 (10)		ALL OTHER TRANSACTIONS FOR LINE 1 WERE BETWEEN RELATED 501(C)(3) PUBLIC CHARITIES AND BELOW REPORTING THRESHOLDS

Software ID:

Software Version:

EIN: 20-2993509

Name: STOWERS INSTITUTE FOR MEDICAL RESEARCH

Form 990, Schedule R, Part II - Identification of Related Tax-Exempt Organizations

(a) Name, address, and EIN of related organization	(b) Primary Activity	(c) Legal Domicile (State or Foreign Country)	(d) Exempt Code section	(e) Public charity status (if 501(c)(3))	(f) Direct Controlling Entity	(g) Section 512 (b)(13) controlled organization
(1) STOWERS SCIENTIFIC EDUCATION INSTITUTE  1000 EAST 50TH STREET KANSAS CITY, MO 64110 20-5916445	SUPPORT ORG	DE	501(C)(3)	11A-TYPE I	SIMR	Yes
(2) STOWERS RESOURCE MANAGEMENT INC  1000 EAST 50TH STREET KANSAS CITY, MO 64110 41-2186719	SUPPORT ORG	DE	501(C)(3)	11A-TYPE I	SIMR	Yes
(3) BIOMED VALLEY CORPORATION  1000 EAST 50TH STREET KANSAS CITY, MO 64110 74-3238244	SUPPORT ORG	DE	501(C)(3)	11A-TYPE I	SIMR	Yes
(4) STOWERS REAL ESTATE HOLDING CORPORATION  1000 EAST 50TH STREET KANSAS CITY, MO 64110 26-1472230	TITLE HOLDING	DE	501(C)(2)	N/A	SRM	Yes
(5) THE GRADUATE SCHOOL OF SIMR  1000 EAST 50TH STREET KANSAS CITY, MO 64110 27-4482762	EDUCATION	DE	501(C)(3)	2	SIMR	Yes
(6) STOWERS POLICY INSTITUTE INC  1000 EAST 50TH STREET KANSAS CITY, MO 64110 20-3270502	SEE PART VII	DE	501(C)(4)	N/A	SIMR	Yes

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

(a) Name of other organization	(b) Transaction type(a-s)	(c) Amount Involved	(d) Method of determining amount involved
BIOMED VALLEY DISCOVERIES INC	A	398,985	MARKET VALUE
BIOMED VALLEY DISCOVERIES INC	A	14,475	MARKET VALUE
THE GRADUATE SCL OF STWRS INST FOR MED RESRC	B	2,500,000	MARKET VALUE
STOWERS SCIENTIFIC EDUCATION INSTITUTE	C	197,246	COST REIMB
BIOMED VALLEY CORPORATION	C	55,212	MARKET VALUE
STOWERS RESOURCE MANAGEMENT INC	C	60,000,000	MARKET VALUE
STOWERS REAL ESTATE HOLDINGS CORP	K	2,230,551	MARKET VALUE
STOWERS RESOURCE MANAGEMENT INC	P	17,785,533	COST REIMBURSEM
BIOMED VALLEY DISCOVERIES INC	Q	291,036	COST REIMBURSEM