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Part III

Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line 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 \$ 66,826,129 including grants of \$ 2,983,312) (Revenue \$ 303,759)

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 66,826,129

Part IV Checklist of Required Schedules

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete Schedule A 	1 Yes	
2 Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)? 	2 Yes	
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I	3	No
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If "Yes," complete Schedule C, Part II	4	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 other assistance to or for any foreign organization? 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 other assistance to or for foreign individuals? 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 or other assistance to any domestic organization or government 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 or 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 25a</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	Section 501(c)(3) and 501(c)(4) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>	25a		No
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>	25b		No
26	Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If so, 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	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>	36		No
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i>	37		No
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? Note. All Form 990 filers are required to complete Schedule O	38	Yes	

Part V

Statements Regarding Other IRS Filings and Tax Compliance

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

☐

		Yes	No
1a	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable.	21	
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	365
b If at least one is reported on line 2a, did the organization file all required federal employment tax returns? Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions).		2b	Yes
3a Did the organization have unrelated business gross income of \$1,000 or more during the year?		3a	No
b If "Yes," has it filed a Form 990-T for this year? If "No" to line 3b, provide an explanation in Schedule O.		3b	
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 Organizations that may receive deductible contributions under section 170(c).			
a Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?		7a	No
b If "Yes," did the organization notify the donor of the value of the goods or services provided?		7b	
c Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?		7c	No
d If "Yes," indicate the number of Forms 8282 filed during the year.		7d	
e Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?		7e	No
f Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?		7f	No
g If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?		7g	
h If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?		7h	
8 Sponsoring organizations maintaining donor advised funds and section 509(a)(3) supporting organizations. Did the supporting organization, or a donor advised fund maintained by a sponsoring organization, have excess business holdings at any time during the year?		8	
9 Sponsoring organizations maintaining donor advised funds.			
a Did the organization make any taxable distributions under section 4966?		9a	
b Did the organization make a distribution to a donor, donor advisor, or related person?		9b	
10 Section 501(c)(7) organizations. Enter			
a Initiation fees and capital contributions included on Part VIII, line 12.		10a	
b Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities.		10b	
11 Section 501(c)(12) organizations. Enter			
a Gross income from members or shareholders.		11a	
b Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them).		11b	
12a Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?		12a	
b If "Yes," enter the amount of tax-exempt interest received or accrued during the year.		12b	
13 Section 501(c)(29) qualified nonprofit health insurance issuers.			
a Is the organization licensed to issue qualified health plans in more than one state? Note. See the instructions for additional information the organization must report on Schedule O.		13a	
b Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans.		13b	
c Enter the amount of reserves on hand.		13c	
14a Did the organization receive any payments for indoor tanning services during the tax year?		14a	No
b If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O.		14b	

Part VI

Governance, Management, and Disclosure

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

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

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year	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 64110 (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 or note to any line 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 (DECEASED 3/17/14)	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 52 0	X		X				0	1,093,867	56,669
(4) RODERICK L STURGEON DIRECTOR/CFO	2 0 50 0	X		X				0	1,274,267	53,258
(5) WILLIAM B NEAVES DIRECTOR/PRESIDENT EMERITUS	40 0 8 0	X		X				464,457	0	51,879
(6) DAVID M CHAO DIRECTOR/PRESIDENT/CEO	40 0 6 0	X		X				1,261,392	0	39,570
(7) RICHARD W BROWN DIRECTOR/CHAIR	2 0 48 0	X		X				0	1,907,783	50,527
(8) ROBERT E KRUMLAUF SCIENTIFIC DIRECTOR	40 0 4 0				X			474,320	0	54,356
(9) RONALD C CONAWAY INVESTIGATOR	40 0					X		264,708	0	39,570
(10) JOAN W CONAWAY INVESTIGATOR	40 0					X		262,296	0	52,050
(11) JERRY L WORKMAN INVESTIGATOR	40 0					X		264,060	0	45,934
(12) R SCOTT HAWLEY INVESTIGATOR	40 0 2 0					X		288,092	0	57,276
(13) ALI SHILATIFARD INVESTIGATOR	40 0					X		270,917	0	57,152

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			
1b Sub-Total										
c Total from continuation sheets to Part VII, Section A										
d Total (add lines 1b and 1c)								3,550,242	4,275,917	558,241

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: 37

		Yes	No
3	Did the organization list any former officer, director or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i>	3	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)	(B)	(C)
Name and business address	Description of services	Compensation
AMERICAN CENTURY COMPANIES INC, 4500 MAIN STREET KANSAS CITY MO 64111	SEE SCH L, PART V	165,000

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 or note to any line in this Part VIII

			(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514	
Contributions, Gifts, Grants and Other Similar Amounts	1a	Federated campaigns 1a					
	b	Membership dues 1b					
	c	Fundraising events 1c					
	d	Related organizations 1d	60,220,041				
	e	Government grants (contributions) 1e	5,895,856				
	f	All other contributions, gifts, grants, and similar amounts not included above 1f	1,007,587				
	g	Noncash contributions included in lines 1a-1f \$	60,053,676				
	h	Total. Add lines 1a-1f	67,123,484				
Program Service Revenue	2a	COLLABORATION FEE FROM HHMI 501(C) (3)	303,759	303,759			
	b						
	c						
	d						
	e						
	f	All other program service revenue					
	g	Total. Add lines 2a-2f	303,759				
	Other Revenue	3	Investment income (including dividends, interest, and other similar amounts)	689,882			689,882
4		Income from investment of tax-exempt bond proceeds	0				
5		Royalties	1,275			1,275	
6a		Gross rents	(i) Real	(ii) Personal			
		b	Less rental expenses				
		c	Rental income or (loss)				
		d	Net rental income or (loss)	0			
7a		Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other			
		b	Less cost or other basis and sales expenses				
		c	Gain or (loss)				
		d	Net gain or (loss)	-363,287			-363,287
8a		Gross income from fundraising events (not including \$ of contributions reported on line 1c) See Part IV, line 18					
b		Less direct expenses					
c		Net income or (loss) from fundraising events	0				
9a		Gross income from gaming activities See Part IV, line 19					
b		Less direct expenses					
c		Net income or (loss) from gaming activities	0				
10a		Gross sales of inventory, less returns and allowances					
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	113,241			113,241
b		OTHER REBATES & REVENUE	900099	112,845			112,845
c							
d	All other revenue						
e	Total. Add lines 11a-11d	226,086					
12	Total revenue. See Instructions	67,981,199	303,759			553,956	

Part IX

Statement of Functional Expenses

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

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

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.	1,500,500	1,500,500		
2	Grants and other assistance to individuals in the United States. See Part IV, line 22.	1,482,756	1,482,756		
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.	2,345,976	2,111,378	234,598	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.	19,876,143	17,888,529	1,987,614	0
8	Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions).	2,528,449	2,275,604	252,845	0
9	Other employee benefits.	3,187,861	2,869,075	318,786	0
10	Payroll taxes.	1,381,703	1,243,533	138,170	0
11	Fees for services (non-employees):				
a	Management.	0			
b	Legal.	0			
c	Accounting.	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).	931,680	838,512	93,168	0
12	Advertising and promotion.	0			
13	Office expenses.	284,946	256,451	28,495	0
14	Information technology.	291,151	262,036	29,115	0
15	Royalties.	0			
16	Occupancy.	2,216,176	1,994,558	221,618	0
17	Travel.	586,212	527,591	58,621	0
18	Payments of travel or entertainment expenses for any federal, state, or local public officials.	0			
19	Conferences, conventions, and meetings.	570,556	513,500	57,056	0
20	Interest.	0			
21	Payments to affiliates.	0			
22	Depreciation, depletion, and amortization.	10,636,146	9,572,531	1,063,615	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	19,214,838	17,293,354	1,921,484	
b	LAB SUPPLIES	6,063,090	5,456,781	606,309	
c	NON-CAPITAL EQUIPMENT	415,736	374,162	41,574	
d	DUES & SUBSCRIPTIONS	87,344	78,610	8,734	
e	All other expenses	318,512	286,668	31,844	
25	Total functional expenses. Add lines 1 through 24e.	73,919,775	66,826,129	7,093,646	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 or note to any line in this Part X

				(A)		(B)
				Beginning of year		End of year
Assets	1	Cash—non-interest-bearing		0	1	0
	2	Savings and temporary cash investments		2,998,898	2	2,276,063
	3	Pledges and grants receivable, net		471,561	3	305,976
	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		186,858	8	8,480
	9	Prepaid expenses and deferred charges		686,767	9	473,489
	10a	Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D.	10a315,793,492	173,875,839	10c	164,421,586
	b	Less: accumulated depreciation	10b151,371,906			
	11	Investments—publicly traded securities		89,292,262	11	93,854,048
	12	Investments—other securities. See Part IV, line 11.		444,514	12	622,760
	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.		192,862,105	15	183,532,485
	16	Total assets. Add lines 1 through 15 (must equal line 34).		460,818,804	16	445,494,887
Liabilities	17	Accounts payable and accrued expenses		7,781,660	17	7,456,327
	18	Grants payable		0	18	0
	19	Deferred revenue		534,290	19	583,955
	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.		192,907,145	25	184,421,678
	26	Total liabilities. Add lines 17 through 25.		201,223,095	26	192,461,960
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		259,595,709	27	253,032,927
	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		259,595,709	33	253,032,927
	34	Total liabilities and net assets/fund balances		460,818,804	34	445,494,887

Part XI Reconciliation of Net Assets

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

1	Total revenue (must equal Part VIII, column (A), line 12)	1	67,981,199
2	Total expenses (must equal Part IX, column (A), line 25)	2	73,919,775
3	Revenue less expenses Subtract line 2 from line 1	3	-5,938,576
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	259,595,709
5	Net unrealized gains (losses) on investments	5	-125,990
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	-498,216
10	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	253,032,927

Part XII Financial Statements and Reporting

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

		Yes	No
1	Accounting method used to prepare the Form 990 <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O		
2a	Were the organization's financial statements compiled or reviewed by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		No
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	

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.
▶ Information about Schedule A (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047

2013

Open to Public Inspection

Name of the organization STOWERS INSTITUTE FOR MEDICAL RESEARCH	Employer identification number 20-2993509
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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 33¹/₃% 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 33¹/₃% 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?

h

☐

Provide the following information about the supported organization(s)

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

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1- 9 above or IRC section (see instructions))	(iv) Is the organization in col (i) listed in your governing document?		(v) Did you notify the organization in col (i) of your support?		(vi) Is the organization in col (i) organized in the U S ?		(vii) Amount of 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) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(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) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(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 2013 (line 6, column (f) divided by line 11, column (f))	14		
15 Public support percentage for 2012 Schedule A, Part II, line 14	15		
16a 33 1/3% support test—2013. 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—2012. 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—2013. 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—2012. 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) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(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) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(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 2013 (line 8, column (f) divided by line 13, column (f))	15	
16 Public support percentage from 2012 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage		
17 Investment income percentage for 2013 (line 10c, column (f) divided by line 13, column (f))	17	
18 Investment income percentage from 2012 Schedule A, Part III, line 17	18	
19a 33 1/3% support tests—2013. 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—2012. 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.** 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	
Return Reference	Explanation
PART I, LINE 4	CHILDREN'S MERCY HOSPITAL IN KANSAS CITY MISSOURI

SCHEDULE D
(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

▶ **Complete if the organization answered "Yes," to Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b**
▶ **Attach to Form 990.** ▶ **See separate instructions.** ▶ **Information about Schedule D (Form 990) and its instructions is at www.irs.gov/form990.**

OMB No 1545-0047

2013

Open to Public Inspection

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

▶ \$ _____

Part III

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

- 3

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

a

☐ Public exhibition

b

☐ Scholarly research

c

☐ Preservation for future generations

d

☐ Loan or exchange programs

e

☐ Other
- 4

Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII
- 5

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

☐ Yes

☐ No

Part IV

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

- 1a

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

☐ Yes

☐ No
- b

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

	Amount
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. Complete if the organization answered 'Yes' to Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b)Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land		3,400,000		3,400,000
b Buildings		224,423,041	77,842,386	146,580,655
c Leasehold improvements				
d Equipment		87,744,595	73,529,520	14,215,075
e Other		225,856		225,856
Total. Add lines 1a through 1e (Column (d) must equal Form 990, Part X, column (B), line 10(c).)				164,421,586

Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return Complete if the organization answered 'Yes' to Form 990, Part IV, line 12a.

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

Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return. Complete if the organization answered 'Yes' to Form 990, Part IV, line 12a.

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

Part XIII Supplemental Information

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

Return Reference	Explanation
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 SECTION 501(C)(2)OF THE CODE THEREORE, IT IS THE INSTITUTE'S TAX POSITION THAT THESE SIX ENTITIES ARE EXEMPT FROM FEDERAL INCOME TAXES

[illegible]

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

OMB No 1545-0047

2013

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

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

▶ Attach to Form 990

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

Name of the organization

STOWERS INSTITUTE FOR MEDICAL RESEARCH

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]

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

Part III

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

(a)Type of grant or assistance	(b)Number of recipients	(c)Amount of cash grant	(d)Amount of non-cash assistance	(e)Method of valuation (book, FMV, appraisal, other)	(f)Description of non-cash assistance
(1) STIPENDS/FELLOWSHIPS	55	1,482,756		N/A	N/A

Part IV

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

Return Reference	Explanation
PART I, LINE 2	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 CONTRIBUTES ANNUAL FUNDING TO FINANCE 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, line 23.
▶ Attach to Form 990. ▶ See separate instructions.

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

OMB No 1545-0047

2013

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><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>		
<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></div>	Yes	
<div><div>2</div><div>Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked in line 1a?</div></div>	Yes	
<div><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>		
<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>		
<div><div>a</div><div>Receive a severance payment or change-of-control payment?</div></div>		No
<div><div>b</div><div>Participate in, or receive payment from, a supplemental nonqualified retirement plan?</div></div>		No
<div><div>c</div><div>Participate in, or receive payment from, an equity-based compensation arrangement?</div></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><div></div><div>Only 501(c)(3) and 501(c)(4) organizations only must complete lines 5-9.</div></div>		
<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>		
<div><div>a</div><div>The organization?</div></div>		No
<div><div>b</div><div>Any related organization?</div></div> <div>If "Yes," to line 5a or 5b, describe in Part III</div>		No
<div><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>		
<div><div>a</div><div>The organization?</div></div>		No
<div><div>b</div><div>Any related organization?</div></div> <div>If "Yes," to line 6a or 6b, describe in Part III</div>		No
<div><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></div>		No
<div><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></div>		No
<div><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></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

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

Return Reference	Explanation
PART I, LINE 1A	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.

Additional Data

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 DIRECTOR/SECRETARY	(i)	0	0	0	0	0	0	0
	(ii)	1,021,610	0	72,257	38,250	18,419	1,150,536	0
RODERICK L STURGEON DIRECTOR/CFO	(i)	0	0	0	0	0	0	0
	(ii)	1,191,699	0	82,568	38,250	15,008	1,327,525	0
WILLIAM B NEAVES DIRECTOR/PRESIDENT EMERITUS	(i)	455,572	0	8,885	38,250	13,629	516,336	0
	(ii)	0	0	0	0	0	0	0
DAVID M CHAO DIRECTOR/PRESIDENT/CEO	(i)	1,255,085	0	6,307	38,250	1,320	1,300,962	0
	(ii)	0	0	0	0	0	0	0
ROBERT E KRUMLAUF SCIENTIFIC DIRECTOR	(i)	468,128	0	6,192	38,250	16,106	528,676	0
	(ii)	0	0	0	0	0	0	0
RONALD C CONAWAY INVESTIGATOR	(i)	262,386	0	2,322	38,250	1,320	304,278	0
	(ii)	0	0	0	0	0	0	0
JOAN W CONAWAY INVESTIGATOR	(i)	259,974	0	2,322	38,250	13,800	314,346	0
	(ii)	0	0	0	0	0	0	0
JERRY L WORKMAN INVESTIGATOR	(i)	261,738	0	2,322	38,250	7,684	309,994	0
	(ii)	0	0	0	0	0	0	0
R SCOTT HAWLEY INVESTIGATOR	(i)	284,576	0	3,516	38,250	19,026	345,368	0
	(ii)	0	0	0	0	0	0	0
RICHARD W BROWN DIRECTOR/CHAIR	(i)	0	0	0	0	0	0	0
	(ii)	1,876,680	0	31,103	38,250	12,277	1,958,310	0
ALI SHILATIFARD INVESTIGATOR	(i)	250,109	0	20,808	38,128	19,024	328,069	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.
▶ Information about Schedule L (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047
2013
Open to Public Inspection

Name of the organization
STOWERS INSTITUTE FOR MEDICAL RESEARCH

Employer identification number
20-2993509

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	165,000	SEE PART V		No
(2) JULIA ZEITLINGER PhD	SEE PART V	112,194	EMPLOYEE OF SIMR		No
(3) LEANNE WIEDEMANN PhD	SEE PART V	192,771	EMPLOYEE OF SIMR		No

Part V Supplemental Information

Provide additional information for responses to questions on Schedule L (see instructions)

Return Reference	Explanation
PART IV, LINE (1) COLUMN B	RICHARD W BROWN, DAVID A WELTE, DAVID M CHAO, WILLIAM B NEAVES 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
PART IV, LINE (1) COLUMN D	SIMR RECEIVES INVESTMENT MANAGEMENT SERVICES FROM AMERICAN CENTURY INVESTMENTS ("ACI") SIMR PAYS THE SAME ADMINISTRATIVE FEES FOR THESE SERVICES AS ANY ARMS-LENGTH INVESTOR THE VALUE OF THESE SERVICES, ESTIMATED BY MULTIPLYING SIMR'S AVERAGE AMOUNT OF INVESTMENT HOLDINGS THROUGHOUT THE YEAR BY THE PUBLISHED ADMINISTRATIVE FEE PERCENTAGE FOR THE APPLICABLE INVESTMENTS, WAS APPROXIMATELY \$165,000 IN SELECTING ACI TO MANAGE ITS LIQUID INVESTMENTS, SIMR SELECTED A HIGH QUALITY INVESTMENT 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 ASSOCIATE 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 PREDOCTORAL FELLOWSHIP FROM THE HUMAN FRONTIER SCIENCE PROGRAM LEANNE WIEDMANN, PH D, IS THE SPOUSE OF ROBERT KRUMLAUF, 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

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

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

OMB No 1545-0047

2013

Open to Public Inspection

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	60,053,678	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

30a

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

30a

Yes

No

b

If "Yes," describe the arrangement in Part II

31

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

31

Yes

32a

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

32a

No

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

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

Cat No 51227J

Schedule M (Form 990) (2013)

Part II

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

Return Reference	Explanation
PART I, COLUMN B	THE 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.
▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is at
www.irs.gov/form990.

OMB No 1545-0047

2013

Open to Public
Inspection

Name of the organization
STOWERS INSTITUTE FOR MEDICAL RESEARCH

Employer identification number

20-2993509

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

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

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, WILLIAM B NEAVES, 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.

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 REVIEWED BY THE OFFICERS OF SIMR BEFORE IT 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.

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.

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 2013.

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

Return Reference	Explanation
FORM 990, PART VII, SECTION A, COLUMN B	DAVID M. CHAO, OFFICER OF SIMR, AND R. SCOTT HAWLEY, EMPLOYEE OF SIMR, ALSO PERFORM SUPPORT SERVICES FOR ONE OR MORE OF THE RELATED ORGANIZATIONS DISCLOSED IN SCHEDULE R. THESE SERVICES ARE PERFORMED IN THEIR ROLE AS SIMR EMPLOYEES AND SIMR IS REIMBURSED BY THE RELATED ORGANIZATIONS.

Return Reference	Explanation
FORM 990, PART XI, LINE 9	OTHER CHANGES IN NET ASSETS INCLUDE THE FOLLOWING NET ACTUARIAL LOSS ON ANNUITY (498,216)

Return Reference	Explanation
FORM 990, PART III, LINE 4	2013 PROGRAM SERVICE ACCOMPLISHMENTS THE STOWERS INSTITUTE FOR MEDICAL RESEARCH ("SIMR") IS A PRIVATE, NONPROFIT MEDICAL RESEARCH ORGANIZATION SIMR WAS FOUNDED IN 1994 BY JIM STOWERS, WHO PASSED AWAY ON MARCH 17, 2014, AND VIRGINIA STOWERS JIM AND VIRGINIA STOWERS EACH SURVIVED A BOUT WITH CANCER AND SUBSEQUENTLY 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

Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT	<p>2013 NOTABLE RESEARCH RESULTS IN 2013, SIMR RESEARCH TEAMS MADE DISCOVERIES MERITING PUBLICATION IN LEADING PEER-REVIEWED SCIENTIFIC JOURNALS - 52 ORIGINAL RESEARCH PAPERS IN ALL SIMR RESEARCH TEAMS ALSO PRODUCED 40 OTHER PUBLICATIONS INCLUDING REVIEWS, COMMENTARIES, AND BOOK CHAPTERS SOME OF THE HIGHLIGHTS AMONG PAPERS PUBLISHED IN 2013 INCLUDE THE TRAINOR LAB REVEALED NEW GENETIC INTERACTIONS ASSOCIATED WITH HIRSCHSPRUNG DISEASE, A CONGENITAL CONDITION AFFECTING THE COLON, AND SHOWED IN MICE HOW THE MIGRATION OF CELLS THAT FORM THE GUT NERVOUS SYSTEM IS IMPEDED WHEN THE COMBINED DOSES OF TWO CANDIDATE GENES ARE LOW (PUBLISHED JANUARY 2, 2013, ONLINE IN HUMAN MOLECULAR GENETICS) THE RONG LI LAB DISCOVERED THAT STICKY SPOTS ON CELL MEMBRANES IN YEAST HOLD ONTO THE MASTER REGULATOR OF CELL POLARITY, HELPING TO ENSURE THAT THE REGULATORY PROTEIN ACCUMULATES IN HIGH ENOUGH CONCENTRATIONS TO TRIGGER CELL POLARITY (PUBLISHED JANUARY 22, 2013, ONLINE IN NATURE COMMUNICATIONS) THE HAWLEY LAB DISCOVERED THAT THE FRUIT FLY MATRIMONY PROTEIN LURES, TRAPS, AND INACTIVATES THE POWERFUL POLO KINASE POLO IS WIDELY CONSIDERED THE MASTER REGULATOR OF CELL DIVISION AND ITS HUMAN COUNTERPART, POLO-LIKE KINASE-1 PROTEIN, IS MISREGULATED IN MANY TYPES OF CANCER (PUBLISHED IN THE MARCH 23, 2013 ISSUE OF THE PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES AND PICKED AS AN "EDITOR'S CHOICE" IN THE APRIL 5, 2013, ISSUE OF SCIENCE) THE GIBSON LAB CHARACTERIZED CELLULAR CHANGES THAT DRIVE TENTACLE DEVELOPMENT IN THE SEA ANEMONE NEMATOSTELLA VECTENSIS AND IDENTIFIED CANDIDATE GENES RESPONSIBLE FOR THOSE CHANGES NEMATOSTELLA GAINING POPULARITY AS A NEW MODEL ORGANISM FOR STUDYING HOW ANIMALS BUILD AN APPENDAGE (PUBLISHED IN THE MAY 1, 2013, ISSUE OF DEVELOPMENT) THE XIE LAB DISCOVERED HOW THE MOUSE NOTCH2 PROTEIN SHAPES AN EYE STRUCTURE KNOWN AS THE CILIARY BODY (PUBLISHED IN THE MAY 15, 2013, ISSUE OF THE PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES) THE GIBSON LAB SHOWED THAT THE WAY THE FRUIT FLY MITOTIC SPINDLE-THE MACHINERY THAT SEPARATES CHROMOSOMES INTO DAUGHTER CELLS DURING CELL DIVISION-ALIGNS RELATIVE TO THE SURFACE OF THE CELL LAYER IS ESSENTIAL FOR THE INTEGRITY OF SHEETS OF EPITHELIAL CELLS THAT LINE BODY CAVITIES (PUBLISHED JULY 21, 2013, ONLINE IN NATURE) THE ZEITLINGER LAB SHOWED THAT DURING THE MIDBLASTULA TRANSITION STAGE IN FRUIT FLY EMBRYOS, THE PAUSING OF GENE TRANSCRIPTION MACHINERY AT THE BEGINNING OF A GENE BEFORE TRANSCRIBING IT DEPENDS ON DISTINCT GENE ELEMENTS (PUBLISHED IN THE AUGUST 13, 2013, ISSUE OF ELIFE SCIENCES) THE LINHENG LI LAB REVEALED THAT GENOMIC IMPRINTING, A PROCESS THAT SPECIFICALLY SHUTS DOWN ONE OF THE TWO GENE COPIES FOUND IN EACH MAMMALIAN CELL, PREVENTS CERTAIN BONE MARROW-DERIVED ADULT STEM CELLS FROM BEING ACTIVATED TOO SOON (PUBLISHED IN THE AUGUST 15, 2013, ISSUE OF NATURE) THE SHILATIFARD LAB DISCOVERED THAT A RARELY STUDIED FACTOR KNOWN AS THE LITTLE ELONGATION COMPLEX PLAYS A CRITICAL AND PREVIOUSLY UNKNOWN ROLE IN THE TRANSCRIPTION OF SMALL NUCLEAR RNAs (SNRNAs) IN FRUIT FLY AND MAMMALIAN SYSTEMS SNRNAs ARE VITALLY IMPORTANT TO GENE EXPRESSION AND REGULATION (PUBLISHED IN THE AUGUST 22, 2013, ISSUE OF MOLECULAR CELL) THE SHILATIFARD LAB IDENTIFIED A PROTEIN COMPLEX INVOLVED IN REGULATING CERTAIN GENES IN MOUSE EMBRYONIC STEM CELLS, REVEALING THAT THE RULES GOVERNING EXPRESSION OF DEVELOPMENTAL GENES ARE MORE NUANCED THAN PREVIOUSLY THOUGHT (PUBLISHED IN THE SEPTEMBER 2013 ISSUE OF NATURE STRUCTURAL AND MOLECULAR BIOLOGY) THE GERTON LAB REPORTED THAT MTOR SIGNALING, A PROMINENT SIGNALING PATHWAY THAT DRIVES CELL GROWTH, IS INHIBITED IN ROBERTS SYNDROME (RBS) ANALYSES OF PATIENT CELLS AND ZEBRAFISH MODELS OF RBS SHOWED THAT JUMP-STARTING THE SLUGGISH SIGNALING PATHWAY WITH THE AMINO ACID L-LEUCINE PARTIALLY RESCUES DEFECTS ASSOCIATED WITH THE DISEASE (PUBLISHED ON OCTOBER 3, 2013, ONLINE IN PLOS GENETICS) THE TRAINOR LAB CHARACTERIZED A MUTANT MOUSE THAT MIMICS A CONGENITAL DISORDER KNOWN AS SYNGNATHIA IN WHICH CHILDREN ARE BORN WITH FUSED UPPER AND LOWER JAWS AND RELATED FACIAL ANOMALIES THEY DISCOVERED THAT NEURAL CREST CELLS PREDESTINED TO BUILD THE AFFLICTED FACIAL AREAS ARE FORMED NORMALLY AND MIGRATE PROPERLY, BUT MATURE INCORRECTLY (PUBLISHED IN THE DECEMBER 19, 2013, ISSUE OF PLOS GENETICS)</p>

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	FORM 990, PART III, LINE 4 CONT	COMPREHENSIVE LIST OF 2013 ORIGINAL RESEARCH PAPERS, REVIEWS, COMMENTARIES AND BOOK CHAPTERS ORIGINAL RESEARCH PAPERS 1 AHN Y, SIMS C, LOGUE JM, WEATHERBEE SD, KRUMLAUF R LRP4 AND WISE INTERPLAY CONTROLS THE FORMATION AND PATTERNING OF MAMMARY AND OTHER SKIN APPENDAGE PLACODES BY MODULATING WNT SIGNALING DEVELOPMENT 2013,140 583-593 2 BARDET AF, STEINMAN N J, BAFNA S, KNOBLICH JA, ZEITLINGER J, STARK A IDENTIFICATION OF TRANSCRIPTION FACTOR BINDING SITES FROM CHIP-SEQ DATA AT HIGH RESOLUTION BIOINFORMATICS 2013,29 2705-2713 3 BARLOW AJ, DIXON J, DIXON M, TRAINOR PA TCOF1 ACTS AS A MODIFIER OF PAX3 DURING ENTERIC NERVOUS SYSTEM DEVELOPMENT AND IN THE PATHOGENESIS OF COLONIC AGANGLIONOSIS HUM MOL GENET 2013,22 1206-1217 4 BEUMER KJ, TRAUTMAN JK, CHRISTIAN M, DAHLEM TJ, LAKE CM, HAWLEY RS, GRUNWALD DJ, VOYTAS DF, CARROLL D COMPARING ZINC FINGER NUCLEASES AND TRANSCRIPTION ACTIVATOR-LIKE EFFECTOR NUCLEASES FOR GENE TARGETING IN DROSOPHILA G3 (BETHESDA) 2013,3 1717-1 725 5 BILLINGS SE, PIERZCHALSKI K, BUTLER TJADEN NE, PANG XY, TRAINOR PA, KANE MA, MOISE AR THE RETINAL DEHYDREDOXYGENASE DHRS3 IS ESSENTIAL FOR PREVENTING THE FORMATION OF EXCESS RETINOIC ACID DURING EMBRYONIC DEVELOPMENT FASEB J 2013,27 4877-4889 6 BONNER AM, HUGHES SE, CHISHOLM JA, SMITH SK, SLAUGHTER BD, UNRUH JR, COLLINS KA, FRIEDERICHS JM, FLORENS L, SWANSON SK, PELOT MC, MILLER DE, WASHBURN MP, JASPERSEN SL, HAWLEY RS BINDING OF DROSOPHILA POLO KINASE TO ITS REGULATOR MATRIMONY IS NONCANONICAL AND INVOLVES TWO SEPARATE FUNCTIONAL DOMAINS PROC NATL ACAD SCI U S A 2013,110 E1222-1231 7 BUNNIK EM, CHUNG DW, HAMILTON M, PONTIS N, SARAF A, PRUDHOMME J, FLORENS L, LE ROCH KG POLYSOME PROFILING REVEALS TRANSLATIONAL CONTROL OF GENE EXPRESSION IN THE HUMAN MALARIA PARASITE PLASMODIUM FALCIPARUM GENOME BIOL 2013,14 R128 8 CHEN K, JOHNSTON J, SHAO W, MEIER S, STABER C, ZEITLINGER J A GLOBAL CHANGE IN RNA POLYMERASE II PAUSING DURING THE DROSOPHILA MIDBLASTULA TRANSITION ELIFE 2013,2 E00861 9 CHEN L, CONAWAY RC, CONAWAY JW MULTIPLE MODES OF REGULATION OF THE HUMAN INO80 SNF2 ATPASE BY SUBUNITS OF THE INO80 CHROMATIN-REMODELING COMPLEX PROC NATL ACAD SCI U S A 2013,110 20497-20502 10 CHEN S, LI H, GAUDENZ K, PAULSON A, GUO F, TRIMBLE R, PEAK A, SEIDEL C, DENG C, FURUTA Y, XIE T DEFECTIVE FGF SIGNALING CAUSES COLOBO MA FORMATION AND DISRUPTS RETINAL NEUROGENESIS CELL RES 2013,23 254-273 11 COX JL, WILDER PJ, GILMORE JM, WUEBBEN EL, WASHBURN MP, RIZZINO A THE SOX2-INTERACTOME IN BRAIN CANCER CELLS IDENTIFIES THE REQUIREMENT OF MSI2 AND USP9X FOR THE GROWTH OF BRAIN TUMOR CELLS PLOS ONE 2013,8 E62857 12 CUNNINGHAM TJ, ZHAO X, SANDELL LL, EVANS SM, TRAINOR PA, DUESTER G ANTAGONISM BETWEEN RETINOIC ACID AND FIBROBLAST GROWTH FACTOR SIGNALING DURING LIMB DEVELOPMENT CELL REPORTS 2013,3 1503-1511 13 FRITZ AE, IKMI A, SEIDEL C, PAULSON A, GIBSON MC MECHANISMS OF TENTACLE MORPHOGENESIS IN THE SEA ANEMONE, NEMATOSTELLA VECTENSIS DEVELOPMENT 2013,140 2212-2223 14 HU D, GAO X, MORGAN MA, HERZ HM, SMITHER, SHILATIFARD A THE MLL3/MLL4 BRANCHES OF THE COMPASS FAMILY FUNCTION AS MAJOR HISTONE H3K4 MONOMETHYLASES AT ENHANCERS MOL CELL BIOL 2013,33 4745-4754 15 HU D, GARRUSS AS, GAO X, MORGAN MA, COOK M, SMITHER, SHILATIFARD A THE MLL2 BRANCH OF THE COMPASS FAMILY REGULATES BIVALENT PROMOTERS IN MOUSE EMBRYONIC STEM CELLS NAT STRUCT MOL BIOL 2013,20 1092-1097 NAT STRUCT MOL BIOL 2013 16 HU D, SMITHER, GARRUSS AS, MOHAGHEGH N, VARBERG JM, LIN C, JACKSON J, GAO X, SARAF A, FLORENS L, WASHBURN MP, EISENBERG JC, SHILATIFARD A THE LITTLE ELONGATION COMPLEX FUNCTIONS AT INITIATION AND ELONGATION PHASES OF SNRNA GENE TRANSCRIPTION MO L CELL 2013,51 493-505 17 INMAN KE, PURCELL P, KUMET, TRAINOR PA INTERACTION BETWEEN FOXO1 AND FGF8 DURING MAMMALIAN JAW PATTERNING AND IN THE PATHOGENESIS OF SYNGNATHIA PLOS GENET 2013,9 E1003949 18 JEONG YT, ROSSI M, CERMAK L, SARAF A, FLORENS L, WASHBURN MP, SUNG P, SCHILDKRAUT C, PAGANO M FBH1 PROMOTES DNA DOUBLE-STRAND BREAKAGE AND APOPTOSIS IN RESPONSE TO DNA REPLICATION STRESS J CELL BIOL 2013,200 141-149 19 KAIPA BR, SHAO H, SCHAFER G, TRINKEWITZ T, GROTH V, LIU J, BECK L, BOGDAN S, ABMAYR SM, ONEL SF DOCK MEDIATES SCAR- AND WASP-DEPENDENT ACTIN POLYMERIZATION THROUGH INTERACTION WITH CELL ADHESION MOLECULES IN FOUNDER CELLS AND FUSION-COMPETENT MYOBLASTS J CELL SCI 2013,126 360-372 20 KANNAN R, HARTNETT S, VOELKER RB, BERGLUND JA, STALEY JP, BAUMANN P INTRONIC SEQUENCE ELEMENTS IMPEDE EXON LIGATION AND TRIGGER A DISCARD PATHWAY THAT YIELDS FUNCTIONAL TELOMERASE RNA IN FISSION YEAST GENES DEV 2013,27 627-638 21 KUCHAY S, DUAN S, SCHENKEIN E, PESCHIAROLI A, SARAF A, FLORENS L, WASHBURN MP, PAGANO M FBXL2- AND PTPL1-MEDIATED DEGRADATION OF P110-FREE P85BETA REGULATORY SUBUNIT CONTROLS THE PI(3)K SIGNALLING CASCADE NAT CELL BIO L 2013,15 472-480 22 KULESA PM, MORRISON JA, BAILEY CM THE NEURAL CREST AND CANCER A DEVELOPMENTAL SPIN ON MELANOMA CELLS TISSUES ORGANS

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	FORM 990, PART III, LINE 4 CONT	<p>2013,198 12-21 23 LAKE CM, HOLSCLOW JK, BELLENDIR SP, SEKELSKY J, HAWLEY RS THE DEVELOPMENT OF A MONOCLONAL ANTIBODY RECOGNIZING THE DROSOPHILA MELANOGASTER PHOSPHORYLATED HISTONE H2A VARIANT (GAMMA-H2AV) G3 (BETHESDA) 2013,3 1539-1543 24 LANGE JJ, WOOD CJ, MARSH ALL WA, MADDERA LE, YU QE, BRADFORD WD, SLAUGHTER BR, UNRUH JR, WIEGRAEBE W CORRECTION OF BLEACHING ARTIFACTS IN HIGH CONTENT FLUORESCENCE CORRELATION SPECTROSCOPY (HCS-FCS) DATA PROCEEDINGS SPIE, 2013,859006 ? DOI 10.1117/12.2005205 25 LEE RT, NAGAI H, NAKAYA Y, SHENG G, TRAINOR PA, WESTON JA, THIERY JP CELL DELAMINATION IN THE MESENCEPHALIC NEURAL FOLD AND ITS IMPLICATION FOR THE ORIGIN OF ECTOMESENCHYME DEVELOPMENT 2013,140 4890-4902 26 LI T, LEWALLEN M, CHEN S, YU W, ZHANG N, XIE T MULTIPOTENT STEM CELLS ISOLATED FROM THE ADULT MOUSE RETINA ARE CAPABLE OF PRODUCING FUNCTIONAL PHOTORECEPTOR CELLS CELL RES 2013,23 788-802 27 LIN C, GARRUSS AS, LUO Z, GUO F, SHILATIFARD A THE RNA POL II ELONGATION FACTOR ELL3 MARKS ENHANCERS IN ES CELLS AND PRIME FUTURE GENE ACTIVATION CELL 2013,152 144-156 28 LIU J, WETZEL L, ZHANG Y, NAGAYASU E, EMS-MOCLUNG S, FLORENS L, HU K NOVEL THIOREDOXIN-LIKE PROTEINS ARE COMPONENTS OF A PROTEIN COMPLEX COATING THE CORTICAL MICROTUBULES OF TOXOPLASMA GONDII EUKARYOT CELL 2013,12 1588-1599 29 MCKINNEY MC, FUKATSU K, MORRISON J, MCLENNAN R, BRONNER ME, KULESA PM EVIDENCE FOR DYNAMIC REARRANGEMENTS BUT LACK OF FATE OR POSITION RESTRICTIONS IN PREMIGRATORY AVIAN TRUNK NEURAL CREST DEVELOPMENT 2013,140 820-830 30 MELLACHERUVU D, WRIGHT Z, COUZENS AL, LAMBERT JP, ST-DENIS NA, LI T, MITTEVA YV, HAURI S, SARDIU ME, LOW TY, HALIM VA, BAGSHAW RD, HUBNER NC, AL-HAKIM A, BOUCHARD A, FAUBERT D, FERMIN D, DUNHAM WH, GOUDREAULT M, LIN ZY, BADILLO BG, PAWSON T, DUROCHER D, COULOMBE B, AEBERSOLD R, SUPERTIFURGA G, COLINGE J, HECK AJ, CHOI H, GSTAIGER M, MOHAMMED S, CRISTEA IM, BENNETT KL, WASHBURN MP, RAUGHT B, EWING RM, GINGRAS AC, NESVIZHSKII AI THE CRAPOME A CONTAMINANT REPOSITORY FOR AFFINITY PURIFICATION-MASS SPECTROMETRY DATA NAT METHODS 2013,10 730-736 31 MOSLEY AL, HUNTER GO, SARDIU ME, SMOLLE M, WORKMAN JL, FLORENS L, WASHBURN MP QUANTITATIVE PROTEOMICS DEMONSTRATES THAT THE RNA POLYMERASE II SUBUNITS RPB4 AND RPB7 DISSOCIATE DURING TRANSCRIPTIONAL ELONGATION MOL CELL PROTEOMICS 2013,12 1530-1538 32 NAKAJIMA Y, MEYER EJ, KROESEN A, MCKINNEY SA, GIBSON MC EPITHELIAL JUNCTIONS MAINTAIN TISSUE ARCHITECTURE BY DIRECTING PLANAR SPINDLE ORIENTATION NATURE 2013,500 359-362 2013 33 NAKASHIMA A, TAKEUCHI H, IMAI T, SAITO H, KIYONARI H, ABE T, CHEN M, WEINSTEIN LS, YU CR, STORM DR, NISHIZUMI H, SAKANO H AGONIST-INDEPENDENT GPCR ACTIVITY REGULATES ANTERIOR-POSTERIOR TARGETING OF OLFACTORY SENSORY NEURONS CELL 2013,154 34 NOLTE C, JINKS T, WANG X, MARTINEZ PASTOR MT, KRUMLAUF R SHADOW ENHANCERS FLANKING THE HOXB CLUSTER DIRECT DYNAMIC HOX EXPRESSION IN EARLY HEART AND ENDODERM DEVELOPMENT DEV BIOL 2013,383 158-173 35 ROSSI M, DUAN S, JEONG YT, HORN M, SARAF A, FLORENS L, WASHBURN MP, ANTEBI A, PAGANO M REGULATION OF THE CRL4CDT2 UBIQUITIN LIGASE AND CELL CYCLE EXIT BY THE SCFFB XO11 UBIQUITIN LIGASE MOL CELL 2013,49 1159-1166 36 SELA D, CONKRIGHT JJ, CHEN L, GILMORE J, WASHBURN MP, FLORENS L, CONAWAY RC, CONAWAY JW ROLE FOR HUMAN MEDIATOR SUBUNIT MED25 IN RECRUITMENT OF MEDIATOR TO PROMOTERS BY ENDOPLASMIC RETICULUM STRESS-RESPONSIVE TRANSCRIPTION FACTOR ATF6ALPHA J BIOL CHEM 2013,288 26179-26187 37 SLAUGHTER BD, UNRUH JR, DAS A, SMITH SE, RUBINSTEIN B, LI R NON-UNIFORM MEMBRANE DIFFUSION ENABLES STEADY-STATE CELL POLARIZATION VIA VESICULAR TRAFFICKING NAT COMMUN 2013,4 1380 38 SMEDILE F, MESSINA E, LA CONO V, TSOY O, MONTICELLI LS, BORGHINI M, GIULIANO L, GOLYSHIN PN, MUSHEGIAN A, YAKIMOV MM METAGENOMIC ANALYSIS OF HADOPELAGIC MICROBIAL ASSEMBLAGES THRIVING AT THE DEEPEST PART OF MEDITERRANEAN SEA, MATAPAN-VAVILOV DEEP ENVIRON MICROBIOL 2013,15 167-182 39 SMITH JJ, KURAKU S, HOLT C, SAUKA-SPENGLE</p>

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	FORM 990, PART III, LINE 4 CONT	02 39 YU CR CALCIUM IMAGING OF VOMERONASAL ORGAN RESPONSE USING SLICE PREPARATIONS FROM TRANSGENIC MICE EXPRESSING G-CAMP2 METHODS MOL BIOL 2013,1068 211-220 40 ZHOU Y, LEWALL EN M, XIE T STEM CELLS' EXODUS A JOURNEY TO IMMORTALITY DEV CELL 2013,24 113-114

Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT	<p>COMPETITIVE RESEARCH GRANT FUNDING & RESEARCH AWARDS & 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 2013, STOWERS SCIENTISTS WORKED WITH THE SUPPORT OF 26 GRANTS AND FELLOWSHIPS FROM THE NATIONAL INSTITUTES OF HEALTH, THREE GRANTS AND FELLOWSHIPS FROM THE AMERICAN CANCER SOCIETY, ONE GRANT FROM THE CORNELIA DE LANGE SYNDROME FOUNDATION, ONE FELLOWSHIP FROM THE LEUKEMIA & LYMPHOMA SOCIETY, TWO FELLOWSHIPS FROM THE AMERICAN HEART ASSOCIATION, 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 M R AND EVELYN HUDSON FOUNDATION, THREE 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 2013 - PETER BAUMANN, PH D , INVESTIGATOR, WAS APPOINTED TO THE POSITION OF HOWARD HUGHES MEDICAL INSTITUTE INVESTIGATOR - JENNIFER GERTON, PH D , INVESTIGATOR, RECEIVED A GRANT FROM THE CDLS FOUNDATION, EFFECTIVE IN SEPTEMBER - ERIN GUEST, M D , VISITING SCIENTIST IN THE SHILATIFARD LAB, RECEIVED A GRANT FROM THE UNIVERSITY OF KANSAS CANCER CENTER EFFECTIVE IN APRIL - 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 JULY - ZHUOJUAN LUO, PH D , POSTDOCTORAL RESEARCH ASSOCIATE IN THE SHILATIFARD LAB, RECEIVED A FELLOWSHIP FROM THE LEUKEMIA & LYMPHOMA SOCIETY, EFFECTIVE IN JULY - ALI SHILATIFARD, PH D , INVESTIGATOR, RECEIVED A GRANT FROM THE UNIVERSITY OF KANSAS CANCER CENTER EFFECTIVE IN JULY - KRISTIN WATT, PREDOCTORAL RESEARCHER IN THE TRAINOR LAB, RECEIVED A FELLOWSHIP FROM THE NATIONAL INSTITUTES OF HEALTH, EFFECTIVE IN JULY - JERRY WORKMAN, PH D , INVESTIGATOR, WAS ELECTED A FELLOW OF THE AMERICAN ACADEMY OF ARTS AND SCIENCES - CHUANKAI ZHOU, PREDOCTORAL RESEARCHER IN THE RONG LI LAB, RECEIVED A PREDOCTORAL FELLOWSHIP FROM THE AMERICAN HEART ASSOCIATION, EFFECTIVE IN JULY</p>

Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT	<p>COOPERATION AGREEMENTS AND COLLABORATIONS THE STOWERS INSTITUTE CONTINUED COLLABORATIONS IN 2013 WITH HOSPITALS IN KANSAS CITY (CHILDREN'S MERCY AND ST LUKE'S) AND CINCINNATI (CHILDREN'S HOSPITAL MEDICAL CENTER) THE INSTITUTE ALSO COLLABORATES WITH THE UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, UNIVERSITY OF KANSAS MEDICAL SCHOOL, ALBERT EINSTEIN COLLEGE OF MEDICINE, CASE WESTERN RESERVE UNIVERSITY SCHOOL OF MEDICINE, HARVARD UNIVERSITY, HARVARD MEDICAL SCHOOL, HOWARD HUGHES MEDICAL INSTITUTE, INDIANA UNIVERSITY SCHOOL OF MEDICINE, JOHNS HOPKINS MEDICINE, JOHNS HOPKINS UNIVERSITY, MEMORIAL SLOAN-KETTERING CANCER CENTER, MOUNT SINAI HOSPITAL, TORONTO, CANADA, NEW YORK UNIVERSITY SCHOOL OF MEDICINE, OREGON HEALTH & SCIENCE UNIVERSITY, SAINT LOUIS UNIVERSITY SCHOOL OF MEDICINE, UNIVERSITY OF MICHIGAN MEDICAL SCHOOL, UNIVERSITY OF NEBRASKA MEDICAL CENTER, UNIVERSITY OF PENNSYLVANIA PERELMAN SCHOOL OF MEDICINE, UNIVERSITY OF ROCHESTER MEDICAL CENTER, UNIVERSITY OF TEXAS M D ANDERSON CANCER CENTER, UNIVERSITY OF UTAH SCHOOL OF MEDICINE, VANDERBILT UNIVERSITY SCHOOL OF MEDICINE, WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY, AND YALE SCHOOL OF MEDICINE, MOST OF WHICH ARE ASSOCIATED WITH TEACHING AND RESEARCH HOSPITALS IN TOTAL, STOWERS RESEARCHERS SUCCESSFULLY COLLABORATED WITH COLLEAGUES AT 50 NATIONAL AND 37 INTERNATIONAL UNIVERSITIES AND RESEARCH INSTITUTES IN ADDITION TO THE INSTITUTIONS LISTED ABOVE, COLLABORATORS INCLUDE A A KHARKEVICH INSTITUTE FOR INFORMATION TRANSMISSION PROBLEMS, RUSSIAN ACADEMY OF SCIENCES, RUSSIA, AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH, SINGAPORE, AUSTRIAN ACADEMY OF SCIENCES, BANGOR UNIVERISTY, UK, CALIFORNIA INSTITUTE OF TECHNOLOGY, CASE WESTERN RESERVE UNIVERSITY, CHRISTIAN MEDICAL COLLEGE, VELLORE, INDIA, ECOLE POLYTECHNIQUE, FRANCE, FEINBERG SCHOOL OF MEDICINE, NORTHWESTERN UNIVERSITY, FRIEDRICH MIESCHER INSTITUTE FOR BIOMEDICAL RESEARCH, BASEL, SWITZERLAND, GLADSTONE INSTITUTE OF CARDIOVASCULAR DISEASE, UNIVERSITY OF CALIFORNIA SAN FRANCISCO, INDIANA UNIVERSITY, INRA CENTRE DE BORDEAUX AQUITAINE, FRANCE, INSTITUTE DE RECERCA VALL D'HEBRON, SPAIN, INSTITUT DE RECHERCHES CLINIQUES DE MONTREAL, CANADA, INSTITUT FUR NEUROBIOLOGIE, MUNSTER, GERMANY, INSTITUTE FOR COASTAL MARINE ENVIRONMENT, CNR, ITALY, INSTITUTE FOR MARINE SCIENCES, ISMAR-CNR, ITALY, INSTITUTE OF MOLECULAR BIOTECHNOLOGY, VIENNA, AUSTRIA, INSTITUTE OF MOLECULAR SYSTEMS BIOLOGY, SWITZERLAND, INTESTINAL STEM CELL CONSORTIUM, DUARTE, CALIFORNIA, SPONSORED BY THE NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES AND THE NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES, BETHESDA, MARYLAND, MANCHESTER ACADEMIC HEALTH SCIENCE CENTRE, UK, MAX PLANCK INSTITUTE FOR BIOLOGY OF AGEING, GERMANY, MEDITERRANEAN SCIENCE COMMISSION, CIESM, MONACO, MOSCOW STATE UNIVERSITY, RUSSIA, NATIONAL INSTITUTE FOR MEDICAL RESEARCH, LONDON, UK, NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES, NATIONAL UNIVERSITY OF SINGAPORE, NETHERLANDS CANCER INSTITUTE, OPEN UNIVERSITY, UK, OSAKA MEDICAL CENTER FOR CANCER AND CARDIOVASCULAR DISEASES, JAPAN, PHILIPPS-UNIVERSITAT MARBURG, GERMANY, PRINCETON UNIVERSITY, QILU HOSPITAL OF SHANDONG UNIVERSITY, CHINA, RADBOUD UNIVERSITY, THE NETHERLANDS, RESEARCH INSTITUTE OF MOLECULAR PATHOLOGY, VIENNA, AUSTRIA, RIKEN CENTER FOR DEVELOPMENTAL BIOLOGY, JAPAN, SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE, SCRIPPS RESEARCH INSTITUTE, UNIVERSITE DE MONTREAL, CANADA, UNIVERSITY OF CALIFORNIA, BERKELEY, UNIVERSITY OF CALIFORNIA, LOS ANGELES, UNIVERSITY OF CALIFORNIA, RIVERSIDE, UNIVERSITY OF CHICAGO, UNIVERSITY OF COLOGNE, GERMANY, UNIVERSITY OF FUKUI, JAPAN, UNIVERSITY OF KANSAS, LAWRENCE, UNIVERSITY OF MANCHESTER, UK, UNIVERSITY OF MICHIGAN, UNIVERSITY OF MINNESOTA, UNIVERSITY OF MIYAZAKI, JAPAN, UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL, UNIVERSITY OF OREGON, UNIVERSITY OF PENNSYLVANIA, UNIVERSITY OF TOKYO, JAPAN, UNIVERSITY OF WASHINGTON, UNIVERSITY OF WISCONSIN MADISON, UTRECHT UNIVERSITY, THE NETHERLANDS, VA GREATER LOS ANGELES HEALTHCARE SYSTEM, AND YALE UNIVERSITY</p>

Return Reference	Explanation	
FORM 990, PART III, LINE 4 CONT	INDEPENDENT RESEARCH PROGRAM LEADERS LABORATORIES INDIVIDUAL SCIENTISTS AT THE STOWERS INS TITUTE 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 FOLL OWS - ROBERT KRUMLAUF, PH D , SCIENTIFIC DIRECTOR AND INVESTIGATOR, JOINED THE STOWERS IN STITUTE 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 KRUMLA UF RECEIVED A PH D IN DEVELOPMENTAL BIOLOGY FROM OHIO STATE UNIVERSITY RESEARCH FOCUS A NALYSIS OF MOLECULAR PATHWAYS THAT REGULATE HOW THE MAMMALIAN HEAD, BRAIN AND NERVOUS SYST EM ARE BUILT, USING A VARIETY OF VERTEBRATE MODEL SYST EMS - SUSAN ABMAYR, PH D , ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2003 FROM THE PENNSYLVANIA STATE UNIVERSITY WHERE SHE SERVED AS ASSOCIATE PROFESSOR OF MOLECULAR GENETICS SHE EARNED A PH D IN BIOC HEMISTRY AND MOLECULAR BIOLOGY FROM THE ROCKEFELLER UNIVERSITY AND COMPLETED POSTDOCTORAL TRAINING IN THE DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY AT HARVARD UNIVERSITY UND ER THE DIRECTION OF PROFESSOR TOM MANIATIS RESEARCH FOCUS MOLECULAR GENETICS OF CELL FAT E SPECIFICATION AND DIFFERENTIATION IN DROSOPHILA, USING THE EMBRYONIC DEVELOPMENT OF THE MUSCULATURE AS A MODEL SYSTEM - PETER BAUMANN, PH D , INVESTIGATOR AND HOWARD HUGHES MEDIC AL 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 CECH AT THE UNIVERSITY OF COLORADO-BOULDER DR BAUMANN RECEIVED A PH D IN BIOCHEMIST RY FROM THE IMPERIAL CANCER RESEARCH FUND AND UNIVERSITY COLLEGE, LONDON RESEARCH FOCUS FUNCTIONAL ANALYSIS OF TELOMERES AND THEIR ROLES IN CELLULAR IMMORTALITY AND CANCER - JOAN CONAWAY, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2001 FROM THE OKLAHOMA MEDI CAL RESEARCH FOUNDATION WHERE SHE WAS AN ASSOCIATE INVESTIGATOR OF THE HOWARD HUGHES MEDIC AL INSTITUTE AND INTERIM HEAD OF THE PROGRAM IN MOLECULAR AND CELL BIOLOGY DR CONAWAY RE CEIVED HER DOCTORATE IN CELL BIOLOGY FROM STANFORD UNIVERSITY SCHOOL OF MEDICINE RESEARCH FOCUS ANALYSIS OF THE MOLECULAR MECHANISM AND REGULATION OF GENE TRANSCRIPTION - RONALD CONAWAY, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2001 FROM THE OKLAHOMA MEDIC AL RESEARCH FOUNDATION WHERE HE WAS HOLDER OF THE CHAPMAN CHAIR IN MEDICAL RESEARCH DR C ONAWAY RECEIVED HIS PH D IN BIOCHEMISTRY FROM STANFORD UNIVERSITY SCHOOL OF MEDICINE RES EARCH FOCUS ANALYSIS OF THE MOLECULAR MECHANISM AND REGULATION OF GENE TRANSCRIPTION - JE NNIFER GERTON, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2002 FROM A POSTDOCTOR AL FELLOWSHIP IN THE LABORATORY OF DR JOSEPH DERISI IN THE DEPARTMENT OF BIOCHEMISTRY AND BIOPHY SICS 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 - MATTHEW GIBSON, PH D , ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2006 FROM A JANE COFFIN CHILDS MEMORIAL FUND POSTDOCTORAL FELLOWSHIP WITH DR NORBERT PERRIMON AT HARVARD MEDICAL SCHOOL DR GIBS ON RECEIVED A PH D IN ZOOLOGY FROM THE UNIVERSITY OF WASHINGTON RESEARCH FOCUS GENETIC ANALYSIS OF MECHANISMS CONTROLLING SIGNAL TRANSDUCTION, CELL PROLIFERATION, AND EPITHELIAL MORPHOGENESIS DURING DROSOPHILA DEVELOPMENT - R SCOTT HAWLEY, PH D , INVESTIGATOR, JOINE D THE STOWERS INSTITUTE IN 2001 FROM THE UNIVERSITY OF CALIFORNIA-DAVIS WHERE HE WAS A PRO FESSOR 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 H ELEN HAY WHITNEY FELLOW AT THE INSTITUTE FOR CANCER RESEARCH IN PHILADELPHIA RESEARCH FOC US INVESTIGATION OF MECHANISMS THAT INFLUENCE HOW CHROMOSOMES PAIR AND SEGREGATE DURING M EOSIS USING DROSOPHILA AS AN EXPERIMENTAL SYST EM - SUE JASPERSEN, PH D , ASSOCIATE INVEST IGATOR, 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 & LYMPHOMA SOCIETY CAREER DEVELOPMENT AWARD DR JASPERSEN HOLDS A PH D IN BIOCHEMISTRY FROM THE UNIVERSITY OF CALIFORNIA-SAN FRANCISCO R ESEARCH FOCUS INNER NUCLEAR MEMBRANE PROTEIN LOCALIZATION AND ROLE IN CHROMOSOME POSITION ING AND SEGREGATION - LINHENG LI, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 200 0 FROM THE UNIVERSITY OF WASHINGTON MEDICAL CENTER WHERE HE HELD A FACULTY APPOINTMENT AFT ER 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 F	

Return Reference	Explanation	
FORM 990, PART III, LINE 4 CONT	OCUS INVESTIGATION OF MOLECULAR AND GENETIC PATHWAYS CONTROLLING ADULT STEM CELL DEVELOPM ENT 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 FRO M THE DEPARTMENT OF CELL BIOLOGY AT HARVARD MEDICAL SCHOOL WHERE SHE SERVED AS AN ASSOCIAT E 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-BERK ELEY RESEARCH FOCUS MECHANISM OF CELL POLARIZATION AND CELL MOTILITY, GENOME DYNAMICS AN D 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 U NIVERSITY COLLEGE, LONDON RESEARCH FOCUS ANALYSIS OF MOLECULAR PATHWAYS THAT REGULATE CELLULAR FAT STORAGE IN RESPONSE TO NUTRIENT AVAILABILITY AND LIPID METABOLISM - TATJANA PIOTROWSKI, PH D ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2011 FROM THE UNIVE RSITY OF UTAH'S SCHOOL OF MEDICINE, WHERE SHE WAS AN ASSOCIATE PROFESSOR IN THE DEPARTMENT OF NEUROBIOLOGY AND ANATOMY SHE RECEIVED HER MASTER'S DEGREE FROM THE UNIVERSITY OF TBIN GEN, GERMANY, AND HER DOCTORATE DEGREE FROM THE MAX PLANCK INSTITUTE FOR DEVELOPMENTAL BIO LOGY IN TBINGEN RESEARCH FOCUS COLLECTIVE CELL MIGRATION, CELL TYPE SPECIFICATION AND ST EM CELL BIOLOGY IN ZEBRAFISH AS A MODEL SYSTEM - ALEJANDRO SNCHEZ ALVARADO, PH D , INVEST IGATOR, JOINED THE STOWERS INSTITUTE IN 2011 FROM THE UNIVERSITY OF UTAH'S SCHOOL OF MEDICINE, WHERE HE HELD THE H A & EDNA BENNING PROFESSORSHIP OF NEUROBIOLOGY AND ANATOMY HE RE CEIVED A B S IN MOLECULAR BIOLOGY AND CHEMISTRY FROM VANDERBILT UNIVERSITY IN NASHVILLE, TENN , AND A PH D IN PHARMACOLOGY AND CELL BIOPHYSICS FROM THE UNIVERSITY OF CINCINNATI C OLLEGE OF MEDICINE IN CINCINNATI, OHIO RESEARCH FOCUS THE MOLECULAR AND CELLULAR MECHANISMS UNDERPINNING ANIMAL REGENERATION USING THE PLANARIAN SCHMIDTEA MEDITERRANEA 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 BIOCHEMISTRY AND ASSOCIATE DIRECTOR FOR BASIC SCIENCES AT THE SAINT LOUIS UNIVERSITY CANCER CENTER DR SH ILATIFARD EARNED A PH D IN BIOCHEMISTRY FROM THE UNIVERSITY OF GEORGIA AND THE UNIVERSITY OF OKLAHOMA SCHOOL OF MEDICINE AND COMPLETED POSTDOCTORAL TRAINING AS A JANE COFFIN CHILD S FELLOW AT THE OKLAHOMA MEDICAL RESEARCH FOUNDATION RESEARCH FOCUS MOLECULAR PATHWAY OF LEUKEMOGENESIS - KAUSIK SI, PH D , ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE I N 2005 FROM THE LABORATORY OF DR ERIC KANDEL AT COLUMBIA UNIVERSITY CENTER FOR NEUROBIOLO GY AND BEHAVIOR WHERE HE WAS A JANE COFFIN CHILDS FELLOW AND A FRANCIS GOELET FELLOW IN NE UROSCIENCE DR SI EARNED A PH D IN MOLECULAR BIOLOGY FROM THE ALBERT EINSTEIN COLLEGE OF MEDICINE RESEARCH FOCUS ROLE OF SYNAPTIC PROTEIN SYNTHESIS IN INFORMATION ACQUISITION A ND MEMORY STORAGE - PAUL TRAINOR, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 200 1 FROM A RESEARCH POSITION AT THE NATIONAL INSTITUTE FOR MEDICAL RESEARCH AT MILL HILL, LO NDON, WHERE HE COMPLETED POSTDOCTORAL TRAINING DR TRAINOR HAS A PH D IN DEVELOPMENTAL B IOLOGY 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 CRANIA L AND FACIAL DEVELOPMENT - JERRY WORKMAN, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUT E IN 2003 FROM THE PENNSYLVANIA STATE UN	

SCHEDULE R
(Form 990)

Department of the Treasury
Internal Revenue Service

Related Organizations and Unrelated Partnerships

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.
▶ Attach to Form 990. ▶ See separate instructions.
▶ Information about Schedule R (Form 990) and its instructions is at www.irs.gov/form990.

OMB No 1545-0047

2013

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" on 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" on Form 990, Part IV, line 34 because it had one or more related tax-exempt organizations during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Exempt Code section	(e) Public charity status (if section 501(c)(3))	(f) Direct controlling entity	(g) Section 512(b)(13) controlled 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" on Form 990, Part IV, line 34 because it had one or more related organizations treated as a partnership during the tax year.

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

Part IV

Identification of Related Organizations Taxable as a Corporation or Trust

Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related organizations treated as a corporation or trust during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end-of- year assets	(h) Percentage ownership	(i) Section 512 (b)(13) controlled entity?	
								Yes	No
(1) BIOMED VALLEY DISCOVERIESINC 4520 MAIN ST SUITE 1650 KANSAS CITY, MO 64111 06-1646533	SEE PART VII	DE	BVC	C CORP	0	0		Yes	

Part V

Transactions With Related Organizations

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

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

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

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

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

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

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

e Loans or loan guarantees by related organization(s)

f Dividends from related organization(s)

g Sale of assets to related organization(s)

h Purchase of assets from related organization(s)

i Exchange of assets with related organization(s)

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

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

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

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

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

o Sharing of paid employees with related organization(s)

p Reimbursement paid to related organization(s) for expenses

q Reimbursement paid by related organization(s) for expenses

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

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

Yes

No

1a 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 related organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved
See Additional Data Table			

Schedule R (Form 990) 2013

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

[illegible]

Part VII

Supplemental Information

Provide additional information for responses to questions on Schedule R (see instructions)

Return Reference	Explanation
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 LEASE PAYMENTS FROM BVD BASED ON COST THE RENT PAYMENTS FROM BVD TO SIMR DO NOT REDUCE BVD'S TAXABLE INCOME WHICH WOULD HAVE BEEN UBTI IF BVD WERE EXEMPT UNDER SECTION 501(c)(3) AND HAD THE SAME EXEMPT PURPOSE AS SIMR THEREFORE, NO PORTION OF THE RENT PAYMENTS FROM BVD CONSTITUTES UNRELATED BUSINESS INCOME TO SIMR UNDER SECTION 512 (b)(13)
PART V, LINE 2 (2)	SIMR MADE A CONTRIBUTION TO THE GRADUATE SCHOOL OF SIMR
PART V, LINE 2 (3)	SRM PROVIDED FINANCIAL SUPPORT TO SIMR TO BE USED BY SIMR IN FURTHERANCE OF SIMR'S EXEMPT PURPOSE OF CONDUCTING MEDICAL RESEARCH
PART V, LINE 2 (4)	SSEI 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 (5)	BVC PROVIDED FINANCIAL SUPPORT TO SIMR TO BE USED BY SIMR IN FURTHERANCE OF SIMR'S EXEMPT PURPOSE OF CONDUCTING MEDICAL RESEARCH
PART V, LINE 2 (6)	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 2013 TOTALED \$2,230,551
PART V, LINE 2 (7)	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 (8)	SIMR REIMBURSED BVD FOR SERVICES ON THE SERVICE COST METHOD
PART V, LINE 2 (9)	BVD REIMBURSED SIMR FOR SERVICES ON 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

Additional Data

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 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	
(1) 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	
(2) BIOMED VALLEY CORPORATION 1000 EAST 50TH STREET KANSAS CITY, MO 64110 74-3238244	SUPPORT ORG	DE	501(C)(3)	11A-TYPE I	SIMR	Yes	
(3) 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	
(4) THE GRADUATE SCHOOL OF SIMR 1000 EAST 50TH STREET KANSAS CITY, MO 64110 27-4482762	EDUCATION	DE	501(C)(3)	2	SIMR	Yes	
(5) 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	14,475	MARKET VALUE
THE GRADUATE SCHOOL OF SIMR	B	1,500,000	MARKET VALUE
STOWERS RESOURCE MANAGEMENT INC	C	60,000,000	MARKET VALUE
STOWERS SCIENTIFIC EDUCATION INSTITUTE	C	166,365	COST REIMB
BIOMED VALLEY CORPORATION	C	53,678	MARKET VALUE
STOWERS REAL ESTATE HOLDINGS CORP	K	2,230,551	MARKET VALUE
STOWERS RESOURCE MANAGEMENT INC	P	18,001,575	COST REIMB
BIOMED VALLEY DISCOVERIES INC	P	252,346	COST REIMB
BIOMED VALLEY DISCOVERIES INC	Q	410,859	COST REIMB
SEE PART VII FOR ADDITIONAL INFORMATION			