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Form 990



Department of the Treasury
Internal Revenue Service

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

Do not enter social security numbers on this form as it may be made public

Information about Form 990 and its instructions is at www.irs.gov/form990

OMB No 1545-0047

2014

Open to Public Inspection

A For the 2014 calendar year, or tax year beginning 01-01-2014 , and ending 12-31-2014

B Check if applicable <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Final return/terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	C Name of organization STOWERS INSTITUTE FOR MEDICAL RESEARCH		D Employer identification number 20-2993509
	% J SCOTT PETTET Doing business as		
	Number and street (or P O box if mail is not delivered to street address) 1000 EAST 50TH STREET Suite	Room/suite	E Telephone number (816) 926-4000
	City or town, state or province, country, and ZIP or foreign postal code KANSAS CITY, MO 64110		G Gross receipts \$ 272,692,912
	F Name and address of principal officer DAVID M CHAO 1000 EAST 50TH STREET KANSAS CITY,MO 64110		
I Tax-exempt status <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) () <input type="checkbox"/> (insert no) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527		H(a) Is this a group return for subordinates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
J Website: WWW STOWERS ORG		H(b) Are all subordinates included? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list (see instructions)	
		H(c) Group exemption number <input type="checkbox"/>	

K Form of organization <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other <input type="checkbox"/>	L Year of formation 2005	M State of legal domicile DE
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Part I

Summary

Activities & Governance	1 Briefly describe the organization's mission or most significant activities SIMR'S EXEMPT PURPOSE IS TO PERFORM MEDICAL RESEARCH IN THE PUBLIC INTEREST WITH THE GOAL OF EXPANDING OUR UNDERSTANDING OF THE FUNDAMENTAL PROCESSES OF LIVING CELLS																								
	2 Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets																								
	<table><tr><td>3 Number of voting members of the governing body (Part VI, line 1a)</td><td>3</td><td>7</td></tr><tr><td>4 Number of independent voting members of the governing body (Part VI, line 1b)</td><td>4</td><td>0</td></tr><tr><td>5 Total number of individuals employed in calendar year 2014 (Part V, line 2a)</td><td>5</td><td>355</td></tr><tr><td>6 Total number of volunteers (estimate if necessary)</td><td>6</td><td>2</td></tr><tr><td>7a Total unrelated business revenue from Part VIII, column (C), line 12</td><td>7a</td><td>0</td></tr><tr><td>b Net unrelated business taxable income from Form 990-T, line 34</td><td>7b</td><td></td></tr></table>	3 Number of voting members of the governing body (Part VI, line 1a)	3	7	4 Number of independent voting members of the governing body (Part VI, line 1b)	4	0	5 Total number of individuals employed in calendar year 2014 (Part V, line 2a)	5	355	6 Total number of volunteers (estimate if necessary)	6	2	7a Total unrelated business revenue from Part VIII, column (C), line 12	7a	0	b Net unrelated business taxable income from Form 990-T, line 34	7b							
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Expenses	<table><tr><td>13 Grants and similar amounts paid (Part IX, column (A), lines 1–3)</td><td>2,983,256</td><td>3,434,645</td></tr><tr><td>14 Benefits paid to or for members (Part IX, column (A), line 4)</td><td>0</td><td>0</td></tr><tr><td>15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5–10)</td><td>29,320,132</td><td>29,024,462</td></tr><tr><td>16a Professional fundraising fees (Part IX, column (A), line 11e)</td><td>0</td><td>0</td></tr><tr><td>b Total fundraising expenses (Part IX, column (D), line 25) <input type="checkbox"/> 0</td><td></td><td></td></tr><tr><td>17 Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e)</td><td>41,616,387</td><td>41,790,239</td></tr><tr><td>18 Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)</td><td>73,919,775</td><td>74,249,346</td></tr><tr><td>19 Revenue less expenses Subtract line 18 from line 12</td><td>-5,938,576</td><td>105,289,160</td></tr></table>	13 Grants and similar amounts paid (Part IX, column (A), lines 1–3)	2,983,256	3,434,645	14 Benefits paid to or for members (Part IX, column (A), line 4)	0	0	15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5–10)	29,320,132	29,024,462	16a Professional fundraising fees (Part IX, column (A), line 11e)	0	0	b Total fundraising expenses (Part IX, column (D), line 25) <input type="checkbox"/> 0			17 Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e)	41,616,387	41,790,239	18 Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)	73,919,775	74,249,346	19 Revenue less expenses Subtract line 18 from line 12	-5,938,576	105,289,160
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Net Assets or Fund Balances	<table><tr><td></td><td>Beginning of Current Year</td><td>End of Year</td></tr><tr><td>20 Total assets (Part X, line 16)</td><td>445,494,887</td><td>390,227,160</td></tr><tr><td>21 Total liabilities (Part X, line 26)</td><td>192,461,960</td><td>135,642,713</td></tr><tr><td>22 Net assets or fund balances Subtract line 21 from line 20</td><td>253,032,927</td><td>254,584,447</td></tr></table>		Beginning of Current Year	End of Year	20 Total assets (Part X, line 16)	445,494,887	390,227,160	21 Total liabilities (Part X, line 26)	192,461,960	135,642,713	22 Net assets or fund balances Subtract line 21 from line 20	253,032,927	254,584,447												
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Part II

Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge

Sign Here	<div><div></div><div>Signature of officer</div></div>	<div><div>2015-08-06</div><div>Date</div></div>
	<div><div></div><div>DAVID M CHAO PRESIDENT & CEO</div><div>Type or print name and title</div></div>	

Paid Preparer Use Only	Print/Type preparer's name MICHELLE MICHALOWSKI	Preparer's signature MICHELLE MICHALOWSKI	Date	Check <input type="checkbox"/> if self-employed	PTIN P00755304
	Firm's name <input type="checkbox"/> PncewaterhouseCoopers LLP			Firm's EIN <input type="checkbox"/>	
	Firm's address <input type="checkbox"/> 600 13TH STREET NW SUITE 1000 WASHINGTON, DC 20005			Phone no (202) 414-1000	

May the IRS discuss this return with the preparer shown above? (see instructions) ☒ Yes ☐ No

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 \$ 67,167,319 including grants of \$ 3,434,645) (Revenue \$ 356,003)

SIMR'S ACCOMPLISHMENTS ARE DESCRIBED IN SCHEDULE O

4b

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

4c

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

4d

Other program services (Describe in Schedule O)
















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

4e

Total program service expenses ▶ 67,167,319

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 domestic 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 or for domestic individuals 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), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>	25a		No
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>	25b		No
26	Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If "Yes," complete Schedule L, Part II</i>	26		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.		
1b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable.		
1c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	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.		
2b	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).	Yes	
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year?		No
3b	If "Yes," has it filed a Form 990-T for this year? If "No" to line 3b, provide an explanation in Schedule O.		
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)?		No
b	If "Yes," enter the name of the foreign country: See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR).		
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?		No
5b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?		No
5c	If "Yes," to line 5a or 5b, did the organization file Form 8886-T?		
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?		No
6b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?		
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?		No
7b	If "Yes," did the organization notify the donor of the value of the goods or services provided?		
7c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?		No
7d	If "Yes," indicate the number of Forms 8282 filed during the year.		
7e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?		No
7f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?		No
7g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?		
7h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?		
8	Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year?		
9a	Did the sponsoring organization make any taxable distributions under section 4966?		
9b	Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?		
10	Section 501(c)(7) organizations. Enter:		
10a	Initiation fees and capital contributions included on Part VIII, line 12.		
10b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities.		
11	Section 501(c)(12) organizations. Enter:		
11a	Gross income from members or shareholders.		
11b	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them).		
12a	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?		
12b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year.		
13	Section 501(c)(29) qualified nonprofit health insurance issuers.		
13a	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.		
13b	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.		
13c	Enter the amount of reserves on hand.		
14a	Did the organization receive any payments for indoor tanning services during the tax year?		No
14b	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O.		

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	a The governing body?	8a	Yes
8b	b Each committee with authority to act on behalf of the governing body?	8b	Yes
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O	9	No

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

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

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, address, and telephone number of the person who possesses the organization's books and records ▶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 54 0	X		X				0	1,145,266	57,975
(4) RODERICK L STURGEON DIRECTOR/CFO	2 0 50 0	X		X				0	1,334,139	54,478
(5) WILLIAM B NEAVES DIRECTOR/PRESIDENT EMERITUS	40 0 8 0	X		X				481,735	0	52,734
(6) DAVID M CHAO DIRECTOR/PRESIDENT/CEO	40 0 6 0	X		X				1,323,905	0	40,320
(7) RICHARD W BROWN DIRECTOR/CHAIR	2 0 48 0	X		X				0	2,002,215	51,747
(8) ROBERT E KRUMLAUF SCIENTIFIC DIRECTOR	40 0 4 0				X			481,314	0	58,074
(9) RONALD C CONAWAY INVESTIGATOR	40 0 0 0					X		271,243	0	40,320
(10) JOAN W CONAWAY INVESTIGATOR	40 0 0 0					X		268,187	0	53,760
(11) JERRY L WORKMAN INVESTIGATOR	40 0 0 0					X		270,507	0	46,951
(12) R SCOTT HAWLEY INVESTIGATOR	40 0 2 0					X		322,473	0	55,170
(13) RONG LI INVESTIGATOR	40 0 0 0					X		258,603	0	57,664

Part VII

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

(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)	▶	3,677,967	4,481,620	569,193

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▶36

		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) Name and business address	(B) Description of services	(C) Compensation
AMERICAN CENTURY COMPANIES INC, 4500 MAIN STREET KANSAS CITY, MO 64111	SEE SCH L, PART V	180,000

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	70,160,150				
	e	Government grants (contributions)	1e	4,477,124				
	f	All other contributions, gifts, grants, and similar amounts not included above	1f	104,040,715				
	g	Noncash contributions included in lines 1a-1f \$		173,283,450				
	h	Total. Add lines 1a-1f		178,677,989				
Program Service Revenue	2a	COLLABORATION FEE FROM HHMI 501(C) (3)	Business Code 900099	356,003	356,003			
	b							
	c							
	d							
	e							
	f	All other program service revenue						
	g	Total. Add lines 2a-2f		356,003				
	Other Revenue	3	Investment income (including dividends, interest, and other similar amounts)		532,707		532,707	
4		Income from investment of tax-exempt bond proceeds		0				
5		Royalties		5,101		5,101		
6a		Gross rents	(i) Real	(ii) Personal				
		b	Less rental expenses					
		c	Rental income or (loss)	0				0
		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)	-176,859				21,227
		d	Net gain or (loss)					-155,632
8a		Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18	a		0			
b		Less direct expenses	b					
c		Net income or (loss) from fundraising events						
9a		Gross income from gaming activities See Part IV, line 19	a		0			
b		Less direct expenses	b					
c		Net income or (loss) from gaming activities						
10a		Gross sales of inventory, less returns and allowances	a		0			
		b	Less cost of goods sold	b				
		c	Net income or (loss) from sales of inventory					
		Miscellaneous Revenue		Business Code				
11a		MO QUALITY JOBS REBATE	900099	23,038			23,038	
b	OTHER REBATES & REVENUE	900099	99,300			99,300		
c								
d	All other revenue							
e	Total. Add lines 11a-11d		122,338					
12	Total revenue. See Instructions		179,538,506	356,003		504,514		

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 domestic organizations and domestic governments See Part IV, line 21	2,000,500	2,000,500		
2	Grants and other assistance to domestic individuals See Part IV, line 22	1,434,145	1,434,145		
3	Grants and other assistance to foreign organizations, foreign governments, and foreign individuals 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	2,438,082	2,194,274	243,808	
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	20,103,799	18,093,419	2,010,380	
8	Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	1,985,224	1,786,702	198,522	
9	Other employee benefits	3,051,926	2,746,733	305,193	
10	Payroll taxes	1,445,431	1,300,888	144,543	
11	Fees for services (non-employees)				
a	Management	0			
b	Legal	620	0	620	
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)	798,813	718,932	79,881	
12	Advertising and promotion	0			
13	Office expenses	255,232	229,709	25,523	
14	Information technology	332,799	299,519	33,280	
15	Royalties	0			
16	Occupancy	2,216,076	1,994,468	221,608	
17	Travel	530,870	477,783	53,087	
18	Payments of travel or entertainment expenses for any federal, state, or local public officials	0			
19	Conferences, conventions, and meetings	551,337	496,203	55,134	
20	Interest	0			
21	Payments to affiliates	0			
22	Depreciation, depletion, and amortization	10,048,647	9,043,782	1,004,865	
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	19,766,388	17,789,749	1,976,639	
b	LAB SUPPLIES	6,155,202	5,539,682	615,520	
c	NON-CAPITAL EQUIPMENT	591,689	532,520	59,169	
d	DUES & SUBSCRIPTIONS	77,019	69,317	7,702	
e	All other expenses	465,547	418,994	46,553	
25	Total functional expenses. Add lines 1 through 24e	74,249,346	67,167,319	7,082,027	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		2,275,141	2	2,227,476
	3	Pledges and grants receivable, net		305,976	3	322,362
	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		9,002	8	6,117
	9	Prepaid expenses and deferred charges		473,489	9	444,230
	10a	Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D	10a319,791,504			
	b	Less accumulated depreciation	10b161,111,883	164,421,586	10c	158,679,621
	11	Investments—publicly traded securities		93,854,048	11	101,757,504
	12	Investments—other securities See Part IV, line 11		622,760	12	610,425
	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		183,532,885	15	126,179,425
	16	Total assets. Add lines 1 through 15 (must equal line 34)		445,494,887	16	390,227,160
Liabilities	17	Accounts payable and accrued expenses		7,456,327	17	6,840,907
	18	Grants payable		0	18	0
	19	Deferred revenue		583,955	19	391,809
	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		184,421,678	25	128,409,997
	26	Total liabilities. Add lines 17 through 25		192,461,960	26	135,642,713
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		253,032,927	27	254,584,447
	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		253,032,927	33	254,584,447
	34	Total liabilities and net assets/fund balances		445,494,887	34	390,227,160

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	179,538,506
2	Total expenses (must equal Part IX, column (A), line 25)	2	74,249,346
3	Revenue less expenses Subtract line 2 from line 1	3	105,289,160
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	253,032,927
5	Net unrealized gains (losses) on investments	5	394,450
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	-104,132,090
10	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	254,584,447

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

OMB No 1545-0047

2014

Open to Public Inspection

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

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

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

- 1

☐

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

☐

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

☐

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

☒

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

SEE SCHEDULE A,

PART VI, MO

- 5

☐

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

☐

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

☐

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

☐

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

☐

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

☐

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

☐

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

☐

Type I. A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization **You must complete Part IV, Sections A and B.**
- b

☐

Type II. A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s) **You must complete Part IV, Sections A and C.**
- c

☐

Type III functionally integrated. A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions) **You must complete Part IV, Sections A, D, and E.**
- d

☐

Type III non-functionally integrated. A supporting organization operated in connection with its supported organization(s) that is not functionally integrated The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions) **You must complete Part IV, Sections A and D, and Part V.**
- e

☐

Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization
- f

Enter the number of supported organizations _____
- g

Provide the following information about the supported organization(s)

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

Part II

Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) 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) 2010	(b) 2011	(c) 2012	(d) 2013	(e) 2014	(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) 2010	(b) 2011	(c) 2012	(d) 2013	(e) 2014	(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 VI)						
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 section 501(c)(3) organization, check this box and stop here						▶

Section C. Computation of Public Support Percentage						
14 Public support percentage for 2014 (line 6, column (f) divided by line 11, column (f))		14				
15 Public support percentage for 2013 Schedule A, Part II, line 14		15				
16a 33 1/3% support test—2014. 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—2013. 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—2014. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization						▶
b 10%-facts-and-circumstances test—2013. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization						▶
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) 2010	(b) 2011	(c) 2012	(d) 2013	(e) 2014	(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) 2010	(b) 2011	(c) 2012	(d) 2013	(e) 2014	(f) Total
9 Amounts from line 6						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
c Add lines 10a and 10b						
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
13 Total support. (Add lines 9, 10c, 11, and 12.)						
14 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here ▶						

Section C. Computation of Public Support Percentage			
15 Public support percentage for 2014 (line 8, column (f) divided by line 13, column (f))	15		
16 Public support percentage from 2013 Schedule A, Part III, line 15	16		

Section D. Computation of Investment Income Percentage			
17 Investment income percentage for 2014 (line 10c, column (f) divided by line 13, column (f))	17		
18 Investment income percentage from 2013 Schedule A, Part III, line 17	18		
19a 33 1/3% support tests—2014. 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—2013. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization ▶			
20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ▶			

Part IV Supporting Organizations

(Complete only if you checked a box on line 11 of Part I. If you checked 11a of Part I, complete Sections A and B. If you checked 11b of Part I, complete Sections A and C. If you checked 11c of Part I, complete Sections A, D, and E. If you checked 11d of Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

	Yes	No
1 Are all of the organization's supported organizations listed by name in the organization's governing documents? If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.	1	
2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).	2	
3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer (b) and (c) below.	3a	
b Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in Part VI when and how the organization made the determination.	3b	
c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in Part VI what controls the organization put in place to ensure such use.	3c	
4a Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes" and if you checked 11a or 11b in Part I, answer (b) and (c) below.	4a	
b Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.	4b	
c Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If "Yes," explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.	4c	
5a Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in Part VI, including (i) the names and EIN numbers of the supported organizations added, substituted, or removed, (ii) the reasons for each such action, (iii) the authority under the organization's organizing document authorizing such action, and (iv) how the action was accomplished (such as by amendment to the organizing document).	5a	
b Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?	5b	
c Substitutions only. Was the substitution the result of an event beyond the organization's control?	5c	
6 Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (a) its supported organizations, (b) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (c) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? If "Yes," provide detail in Part VI .	6	
7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in IRC 4958(c)(3)(C)), a family member of a substantial contributor, or a 35-percent controlled entity with regard to a substantial contributor? If "Yes," complete Part I of Schedule L (Form 990).	7	
8 Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If "Yes," complete Part II of Schedule L (Form 990).	8	
9a Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? If "Yes," provide detail in Part VI .	9a	
b Did one or more disqualified persons (as defined in line 9(a)) hold a controlling interest in any entity in which the supporting organization had an interest? If "Yes," provide detail in Part VI .	9b	
c Did a disqualified person (as defined in line 9(a)) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? If "Yes," provide detail in Part VI .	9c	
10a Was the organization subject to the excess business holdings rules of IRC 4943 because of IRC 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? If "Yes," answer b below.	10a	
b Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings).	10b	
11 Has the organization accepted a gift or contribution from any of the following persons?		
a A person who directly or indirectly controls, either alone or together with persons described in (b) and (c) below, the governing body of a supported organization?	11a	
b A family member of a person described in (a) above?	11b	
c A 35% controlled entity of a person described in (a) or (b) above? If "Yes" to a, b, or c, provide detail in Part VI.	11c	

Part IV

Supporting Organizations (continued)

Section B. Type I Supporting Organizations

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

Section C. Type II Supporting Organizations

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

Section D. All Type III Supporting Organizations

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

Section E. Type III Functionally-Integrated Supporting Organizations

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

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

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

Section A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1	Net short-term capital gain	1	
2	Recoveries of prior-year distributions	2	
3	Other gross income (see instructions)	3	
4	Add lines 1 through 3	4	
5	Depreciation and depletion	5	
6	Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6	
7	Other expenses (see instructions)	7	
8	Adjusted Net Income (subtract lines 5, 6 and 7 from line 4)	8	

Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1	Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year)	1	
a	Average monthly value of securities	1a	
b	Average monthly cash balances	1b	
c	Fair market value of other non-exempt-use assets	1c	
d	Total (add lines 1a, 1b, and 1c)	1d	
e	Discount claimed for blockage or other factors (explain in detail in Part VI) _____		
2	Acquisition indebtedness applicable to non-exempt use assets	2	
3	Subtract line 2 from line 1d	3	
4	Cash deemed held for exempt use Enter 1-1/2% of line 3 (for greater amount, see instructions)	4	
5	Net value of non-exempt-use assets (subtract line 4 from line 3)	5	
6	Multiply line 5 by .035	6	
7	Recoveries of prior-year distributions	7	
8	Minimum Asset Amount (add line 7 to line 6)	8	

Section C - Distributable Amount			Current Year
1	Adjusted net income for prior year (from Section A, line 8, Column A)	1	
2	Enter 85% of line 1	2	
3	Minimum asset amount for prior year (from Section B, line 8, Column A)	3	
4	Enter greater of line 2 or line 3	4	
5	Income tax imposed in prior year	5	
6	Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	6	
7	<input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions)		

Section D - Distributions	Current Year
1 Amounts paid to supported organizations to accomplish exempt purposes	
2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	
3 Administrative expenses paid to accomplish exempt purposes of supported organizations	
4 Amounts paid to acquire exempt-use assets	
5 Qualified set-aside amounts (prior IRS approval required)	
6 Other distributions (describe in Part VI) See instructions	
7 Total annual distributions. Add lines 1 through 6	
8 Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI) See instructions	
9 Distributable amount for 2014 from Section C, line 6	
10 Line 8 amount divided by Line 9 amount	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2014	(iii) Distributable Amount for 2014
1 Distributable amount for 2014 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2014 (reasonable cause required--see instructions)			
3 Excess distributions carryover, if any, to 2014			
a From 2009.			
b From 2010.			
c From 2011.			
d From 2012.			
e From 2013.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2014 distributable amount			
i Carryover from 2009 not applied (see instructions)			
j Remainder Subtract lines 3g, 3h, and 3i from 3f			
4 Distributions for 2014 from Section D, line 7 \$			
a Applied to underdistributions of prior years			
b Applied to 2014 distributable amount			
c Remainder Subtract lines 4a and 4b from 4			
5 Remaining underdistributions for years prior to 2014, if any Subtract lines 3g and 4a from line 2 (if amount greater than zero, see instructions)			
6 Remaining underdistributions for 2014 Subtract lines 3h and 4b from line 1 (if amount greater than zero, see instructions)			
7 Excess distributions carryover to 2015. Add lines 3j and 4c			
8 Breakdown of line 7			
a From 2010.			
b From 2011.			
c From 2012.			
d From 2013.			
e From 2014.			

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

Facts And Circumstances Test

Return Reference	Explanation
PART I, LINE 4	CHILDREN'S MERCY HOSPITAL IN KANSAS CITY, MISSOURI, CHILDREN'S HOSPITAL

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

OMB No 1545-0047

2014

Open to Public Inspection

Name of the organization
STOWERS INSTITUTE FOR MEDICAL RESEARCH

Employer identification number
20-2993509

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

	(a) Donor advised funds	(b) Funds and other accounts
1 Total number at end of year		
2 Aggregate value of contributions to (during year)		
3 Aggregate value of 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?		<input type="checkbox"/> Yes <input type="checkbox"/> No
6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit?		<input type="checkbox"/> Yes <input type="checkbox"/> No

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	2a
b Total acreage restricted by conservation easements	2b
c Number of conservation easements on a certified historic structure included in (a)	2c
d Number of conservation easements included in (c) acquired after 8/17/06, and not on a historic structure listed in the National Register	2d

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

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

5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds? ☐ 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) Revenue 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 Revenue included in Form 990, Part VIII, line 1

► \$ _____

b Assets included in Form 990, Part X

► \$ _____

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

Cat No 52283D

Schedule D (Form 990) 2014

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

- 3 Using the organization’s acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply)
- a ☐ Public exhibition

b ☐ Scholarly research

c ☐ Preservation for future generations

d ☐ Loan or exchange programs

e ☐ Other
- 4 Provide a description of the organization’s collections and explain how they further the organization’s exempt purpose in Part XIII
- 5 During the year, did the organization solicit or receive donations of art, historical treasures or other similar assets to be sold to raise funds rather than to be maintained as part of the organization’s collection?

☐ Yes ☐ No

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

- 1a Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X?

☐ Yes ☐ No
- b If "Yes," explain the arrangement in Part XIII and complete the following table
- c Beginning balance

d Additions during the year

e Distributions during the year

f Ending balance

	Amount
1c	
1d	
1e	
1f	
- 2a Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability?

☐ Yes ☐ No
- b If "Yes," explain the arrangement in Part XIII Check here if the explanation has been provided in Part XIII

☐

Part V Endowment Funds. Complete if the organization answered "Yes" 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

(ii) related organizations

	Yes	No
3a(i)		
3a(ii)		
3b		
- b If "Yes" to 3a(ii), are the related organizations listed as required on Schedule R?
- 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		224,878,380	84,144,290	140,734,090
c Leasehold improvements		0		
d Equipment		91,380,432	76,967,593	14,412,839
e Other		132,692		132,692
Total. Add lines 1a through 1e (Column (d) must equal Form 990, Part X, column (B), line 10(c).) ▶				158,679,621

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 (losses) 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 INCLUDES 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]

Schedule I
(Form 990)

Department of the Treasury
Internal Revenue Service

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

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

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

OMB No 1545-0047

2014

Open to Public
Inspection

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 Domestic Organizations and Domestic Governments. 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.

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
(1) THE GRADUATE SCHOOL OF SIMR 1000 EAST 50TH STREET KANSAS CITY, MO 64110	46-4588696	501(C)(3)		2,000,000	FMV	F I SECURITIES	SEE PART IV

- 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 Domestic Individuals. 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	45	1,434,145		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 STIPENDS/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.

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

OMB No 1545-0047

2014

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><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><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>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), 501(c)(4), and 501(c)(29) organizations 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 in column(B) 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 and Title	(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred in prior Form 990
	(i) Base Compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
1 DAVID A WELTE, DIRECTOR/SECRETARY	(i)	0	0	0	0	0	0
	(ii)	1,072,485	0	72,781	39,000	18,975	1,203,241
1 RODERICK L STURGEON, DIRECTOR/CFO	(i)	0	0	0	0	0	0
	(ii)	1,251,081	0	83,058	39,000	15,478	1,388,617
2 WILLIAM B NEAVES, DIRECTOR/PRESIDENT EMERITUS	(i)	472,850	0	8,885	39,000	13,734	534,469
	(ii)	0	0	0	0	0	0
3 DAVID M CHAO, DIRECTOR/PRESIDENT/CEO	(i)	1,317,598	0	6,307	39,000	1,320	1,364,225
	(ii)	0	0	0	0	0	0
4 ROBERT E KRUMLAUF, SCIENTIFIC DIRECTOR	(i)	477,123	0	4,191	39,000	19,074	539,388
	(ii)	0	0	0	0	0	0
5 RONALD C CONAWAY, INVESTIGATOR	(i)	268,921	0	2,322	39,000	1,320	311,563
	(ii)	0	0	0	0	0	0
6 JOAN W CONAWAY, INVESTIGATOR	(i)	265,865	0	2,322	39,000	14,760	321,947
	(ii)	0	0	0	0	0	0
7 JERRY L WORKMAN, INVESTIGATOR	(i)	268,185	0	2,322	39,000	7,951	317,458
	(ii)	0	0	0	0	0	0
8 R SCOTT HAWLEY, INVESTIGATOR	(i)	265,064	0	57,409	39,000	16,170	377,643
	(ii)	0	0	0	0	0	0
9 RICHARD W BROWN, DIRECTOR/CHAIR	(i)	0	0	0	0	0	0
	(ii)	1,970,055	0	32,160	39,000	12,747	2,053,962
10 RONG LI, INVESTIGATOR	(i)	257,793	0	810	39,000	18,664	316,267
	(ii)	0	0	0	0	0	0

Schedule L
(Form 990 or 990-EZ)

Transactions with Interested Persons

OMB No 1545-0047

2014

Open to Public Inspection

▶ Complete if the organization answered "Yes" on Form 990, Part IV, lines 25a, 25b, 26, 27, 28a, 28b, or 28c, or Form 990-EZ, Part V, line 38a or 40b. ▶ Attach to Form 990 or Form 990-EZ.

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

Name of the organization
STOWERS INSTITUTE FOR MEDICAL RESEARCH

Employer identification number
20-2993509

Part I Excess Benefit Transactions (section 501(c)(3), section 501(c)(4), and 501(c)(29) organizations only) Complete if the organization answered "Yes" on Form 990, Part IV, line 25a or 25b, or Form 990-EZ, Part V, line 40b				
1	(a) Name of disqualified person	(b) Relationship between disqualified person and organization	(c) Description of transaction	(d) Corrected?
				YesNo

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

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

Part II

Loans to and/or From Interested Persons.

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

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

Total ▶ \$

Part III Grants or Assistance Benefiting Interested Persons. Complete if the organization answered "Yes" on Form 990, Part IV, line 27.				
(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of assistance	(d) Type of assistance	(e) Purpose of assistance

Part IV Business Transactions Involving Interested Persons.

Complete if the organization answered "Yes" on Form 990, Part IV, line 28a, 28b, or 28c.

(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of transaction	(d) Description of transaction	(e) Sharing of organization's revenues?	
				Yes	No
(1) AMERICAN CENTURY COMPANIES INC	SEE PART V	180,000	SEE PART V		No
(2) JULIA ZEITLINGER PhD	SEE PART V	130,461	EMPLOYEE OF SIMR		No
(3) LEANNE WIEDEMANN PhD	SEE PART V	197,446	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	VIRGINIA G STOWERS, 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 (DECEASED 3/17/14), 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") ACI IS A WHOLLY OWNED SUBSIDIARY OF ACCI 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 \$180,000 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

2014

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	70,051,873	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 ▶ (SEE PART II)	X	1	103,231,577	FAIR MARKET VALUE
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?

b

If "Yes," describe the arrangement in Part II

31

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

32a

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

b

If "Yes," describe in Part II

33

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

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

Cat No 51227J

Schedule M (Form 990) (2014)

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
PART 1, LINE 25	THE NONCASH CONTRIBUTION WAS A GIFT ANNUITY(PARTIAL) ASSIGNMENT BACK TO SIMR MADE BY VIRGINIA G STOWERS, A CO-FOUNDER OF SIMR

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 990-EZ or to provide any additional information.**

▶ Attach to Form 990 or 990-EZ.

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

OMB No 1545-0047

2014

**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 (DECEASED 3/17/14) AND VIRGINIA G STOWERS, DIRECTORS OF SIMR, HAVE A FAMILY RELATIONSHIP JAMES E STOWERS JR (DECEASED 3/17/14), VIRGINIA G STOWERS, 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 2012.

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 CHANGE IN ANNUITY RECEIVABLE, NET (27,360,126) * OTHER CHANGES IN ANNUITY PAYABLE, NET (76,771,964) ----- OTHER CHANGES IN NET ASSETS (104,132,090) *EXCLUDES NON-CASH GIFT OF PARTIAL ANNUITY BACK TO SIMR AS REPORTED ON SCHEDULE M, PART 1, LINE 25

Return Reference	Explanation
FORM 990, PART III, LINE 4	2014 PROGRAM SERVICE ACCOMPLISHMENTS THE STOWERS INSTITUTE FOR MEDICAL RESEARCH ("SIMR") IS A PRIVATE, NONPROFIT MEDICAL RESEARCH ORGANIZATION SIMR WAS FOUNDED IN 1994 BY JIM AND VIRGINIA STOWERS, WHO 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 GENE-BASED DISEASES

Return Reference	Explanation	
FORM 990, PART III, LINE 4 CONT	2014 NOTABLE RESEARCH RESULTS IN 2014, SIMR RESEARCH TEAMS MADE DISCOVERIES MERITING PUBLICATION IN LEADING PEER-REVIEWED SCIENTIFIC JOURNALS - 67 ORIGINAL RESEARCH PAPERS IN ALL SIMR RESEARCH TEAMS ALSO PRODUCED 33 OTHER PUBLICATIONS INCLUDING REVIEWS, COMMENTARIES, BOOK CHAPTERS, AND BOOKS SOME OF THE HIGHLIGHTS AMONG PAPERS PUBLISHED IN 2014 INCLUDE THE WORKMAN LAB FOUND THAT FRUIT FLIES THAT LACK THE ATAXIN-7 GENE EXPERIENCE NEURODEGENERATION IN THE BRAIN AND THE EYE-PARALLELING THE EFFECTS OF THE HUMAN DISEASE SPINOCEREBELLAR ATAXIA TYPE 7 (SCA-7) IN WHICH THE GENE IS MUTATED FOLLOW-UP STUDIES MAY REVEAL MORE ABOUT THE SPECIFIC CAUSES AND MECHANISMS, AS WELL AS POTENTIAL TREATMENTS, FOR RELATED HUMAN NEURODEGENERATIVE DISEASES (PUBLISHED FEBRUARY 1, 2014, IN GENES & DEVELOPMENT) THE JASPER SEN LAB HAS GLIMPSED TWO PROTEINS WORKING TOGETHER INSIDE LIVING CELLS TO FACILITATE COMMUNICATION BETWEEN THE INTERIOR AND EXTERIOR ELEMENTS OF THE CELL'S NUCLEUS ASSISTED BY STOWERS RESEARCH ADVISORS, THE TEAM DETERMINED THE MICROSCOPIC MOVEMENT OF THE PROTEINS IN LIVE CELLS IN ADDITION TO DEMONSTRATING THE VALUE OF AN IMPORTANT NEW IMAGING TECHNIQUE, THIS STUDY IDENTIFIES A PROTEIN ESSENTIAL FOR CELL COMMUNICATION AND DESCRIBES WHERE AND WHEN IT FACILITATES THAT COMMUNICATION (PUBLISHED FEBRUARY 10, 2014, IN THE JOURNAL OF CELL BIOLOGY) THE SI LAB CHARACTERIZED PROTEINS IN THE FRUIT FLY BRAIN THAT ARE ESSENTIAL FOR STORING LONG-TERM MEMORIES A GOAL OF THIS RESEARCH IS TO LEARN HOW THIS PROCESS IS CONTROLLED SO THAT MEMORIES FORM AT THE RIGHT TIME THEIR STUDY REPRESENTS A KEY FIRST STEP IN FULLY EXPLORING THE FORMATION OF LONG-TERM MEMORY, WHICH APPEARS TO HAVE MECHANISMS THAT ARE CONSERVED ACROSS SPECIES (PUBLISHED FEBRUARY 11, 2014, IN PLOS BIOLOGY) THE YU LAB IDENTIFIED A DEVELOPMENTAL WINDOW DURING WHICH OLFACTORY NEURONS OF NEWBORN MICE CAN FORM A PROPER WIRING MAP THEY SHOWED THAT IF INCORRECT NEURONAL CONNECTIONS ARE MAINTAINED AFTER THIS PERIOD, RENEWING CELLS WILL ALSO BE MIS-WIRED THIS WORK SUGGESTS ADDITIONAL TARGETING SKILLS THAT STEM CELL-GENERATED NEURONS NEED TO ACQUIRE TO REPAIR THE MAMMALIAN BRAIN OR SPINAL CORD (PUBLISHED APRIL 11, 2014, IN SCIENCE) THE GIBSON LAB SUCCESSFULLY CATALOGUED OVER 300 GENES EXPRESSED IN THE FRUIT FLY CELL CYCLE - A NOTABLE FIRST IN A MULTICELLULAR ORGANISM THESE DEVELOPMENTS REPRESENT A NECESSARY EARLY STEP IN ENABLING NEW APPROACHES TO PREVENT ABNORMAL CELL DIVISION AND NUMEROUS RELATED HUMAN DISEASES, FROM AUTOIMMUNITY TO NEURODEGENERATION (PUBLISHED APRIL 14, 2014, IN DEVELOPMENTAL CELL) THE SNCHEZ ALVARADO LAB GAINED NEW INSIGHT ON HOW TINY FLATWORMS CALLED PLANARIA REGENERATE SOME OF THEIR TISSUES AND ORGANS THIS WORK UNCOVERED SOME OF THE SIGNALS THAT ALLOW PLANARIA TO DISCOVER WHAT PARTS ARE MISSING OR DAMAGED AND DIRECT STEM CELLS IN HOW TO RECREATE THEM UNDERSTANDING THIS PROCESS IN SIMPLE ORGANISMS LIKE PLANARIA MAY OFFER INSIGHT AS TO HOW TO ACCELERATE MAMMALIAN REGENERATION (PUBLISHED APRIL 15, 2014, IN ELIFE) THE KRUMLAUF LAB SHOWED THAT THE SEA LAMPREY PETROMYZON MARINUS, A SURVIVOR OF ANCIENT JAWLESS VERTEBRATES, EXHIBITS A PATTERN OF GENE EXPRESSION THAT IS REMINISCENT OF ITS JAWED COUSINS, WHO EVOLVED MUCH, MUCH LATER THOSE GENES, CALLED HOX GENES, FUNCTION LIKE A MOLECULAR RULER, DETERMINING WHERE ALONG THE ANTERIOR-POSTERIOR (HEAD-TAIL) AXIS AN ANIMAL WILL PLACE A PARTICULAR FEATURE OR APPENDAGE THE NEW STUDY MEANS THAT THAT THE GENETIC PROGRAM USED BY JAWED VERTEBRATES, INCLUDING FISH, MICE, AND US, WAS UP AND RUNNING AGES BEFORE A VERTEBRATE EVER POSSESSED A RECOGNIZABLE FACE (PUBLISHED SEPTEMBER 14, 2014, IN NATURE) THE XIE LAB EXPLORED HOW ADULT STEM CELLS, WHICH REPLACE DAMAGED CELLS THROUGHOUT THE BODY OF MANY ADULT ORGANISMS INCLUDING HUMANS, CHANGE OVER TIME ADULT STEM CELLS ARE TYPICALLY PROGRAMMED TO RENEW THEMSELVES IN ORDER TO MAINTAIN A STEADY RESERVOIR, BUT THEY MUST TRANSFORM THEMSELVES WHEN THEY ARE NEEDED TO REPLACE DAMAGED CELLS ALTHOUGH ALL OF THE MOLECULAR MECHANISMS BEHIND THIS TRANSITION ARE NOT YET CLEAR, THE XIE LAB HAS IDENTIFIED THE PROTEINS IN THE FRUIT FLY OVARY THAT PLAY AN ACTIVE ROLE IN THE PROCESS - A CRUCIAL STEP THAT DEFINES A TARGET AREA FOR FUTURE RESEARCH (PUBLISHED OCTOBER 9, 2014, IN NATURE) THE LINHENG LI LAB DETERMINED THAT HEMATOPOIETIC (BLOOD-FORMING) STEM CELLS CAN BE DIRECTLY CONTROLLED BY THEIR OWN PROGENY CALLED MEGAKARYOCYTES, OR "MEGA" CELLS THESE MEGA CELLS, WHICH ARE BEST KNOWN FOR PRODUCING PLATELETS THAT HEAL WOUNDS, ARE FOUND IN BONE MARROW THE DISCOVERY THAT MEGA CELLS PLAY A CRITICAL ROLE IN REGULATING STEM CELLS COULD POTENTIALLY LEAD TO NEW TREATMENTS FOR PATIENTS RECOVERING FROM CHEMOTHERAPY OR ORGAN TRANSPLANTATION (PUBLISHED OCTOBER 19, 2014, IN NATURE MEDICINE) THE HAWLEY LAB REPORTED THAT AN ENZYME CALLED TOPOISOMERASE II IS REQUIRED FOR CERTAIN ENTANGLED CHROMOSOMES TO BE SET FREE DURING THE FORMATION OF EGGS AND SPERM, THE CELL'S CHROMOSOMES MUST PAIR UP AND	

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	FORM 990, PART III, LINE 4 CONT	PART IN AN ELABORATE SEQUENCE THAT RESULTS IN SEX CELLS WITH EXACTLY HALF THE NUMBER OF CHROMOSOMES AS THE PARENT CELL. A SINGLE MISSTEP CAN CAUSE INFERTILITY, MISCARRIAGE, AND BIRTH DEFECTS. WITHOUT THE TOPOISOMERASE II ENZYME, FEMALE FRUIT FLIES WERE UNABLE TO COMPLETE THE PROCESS OF CELL DIVISION REQUIRED TO PRODUCE EGG AND SPERM CELLS FOR SEXUAL REPRODUCTION. (PUBLISHED OCTOBER 23, 2014, IN PLOS GENETICS)

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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 2014, Stowers scientists worked with the support of 30 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 grant from the March of Dimes, one fellowship from the American Heart Association, 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, one grant from the Hearing Health Foundation, one fellowship from the Japan Society for the Promotion of Science, one fellowship from the American Association of Anatomists, and two investigator awards from the Howard Hughes Medical Institute With new and recurring grant support, the Institute is receiving more than \$6 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 members received in 2014 - Jennifer Gerton, Ph D , received a grant from March of Dimes - Rong Li, Ph D , received a grant from the National Institute of Neurological Disorders and Stroke - Kausik Si, Ph D , received a grant from the National Institute of Mental Health - Ron Yu, Ph D , received a grant from the National Institutes of Health - Hans-Martin Herz, Ph D , received a Pathway to Independence Award from the National Cancer Institute - Baoshan Xu, Ph D , was awarded a research grant from the Cornelia de Lange Syndrome Foundation - Naomi Tjaden was selected for a Ruth L Kirchstein National Research Service Award fellowship funded by the National Institutes of Health - Caleb Bailey, Ph D , was awarded an American Association of Anatomists postdoctoral fellowship - Yuichiro Nakajima, Ph D , was awarded a postdoctoral fellowship from the Japan Society for the Promotion of Science</p>

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FORM 990, PART III, LINE 4 CONT	<p>Cooperation Agreements and Collaborations In 2014, the Stowers Institute participated in collaborations with the following hospitals - Children's Mercy Hospital, Kansas City, Missouri - Collaborators include Erin Guest, M.D., from Children's Mercy Hospital and Ali Shilatifard, Ph.D., from the Stowers Institute. This research examines the role of the mixed lineage leukemia (MLL) gene in infant and adolescent leukemia. More than 80 percent of infant leukemia cases involve a problem with MLL. This work aims to further elucidate MLL's molecular targets and partner proteins in human leukemia cells and may enable the identification of novel targets for drug development - Children's Hospital Medical Center, Cincinnati, Ohio - Collaborators include S. Steven Potter, Ph.D., from Children's Hospital Medical Center and Paul Trainor, Ph.D., from the Stowers Institute. About one-third of all human congenital birth defects exhibit craniofacial (head or face) abnormalities. Craniofacial defects have both genetic and environmental causes. This research employs technologies to study all of the genes involved in facial development to allow a more detailed understanding of this complex process. This collaboration generates gene expression databases for the craniofacial research community and may enable new approaches to treat and prevent craniofacial defects - Mattel Children's Hospital at the University of California, Los Angeles, California - Collaborators include Jiafang Wang, Garrett Brinkley, and Martin G. Martin, M.D., from Mattel Children's Hospital and Fengchao Wang, Ph.D., and Linheng Li, Ph.D., from the Stowers Institute. This research focuses on intestinal epithelial stem cells and determining how these cells interact with their local environments to achieve growth stability. These studies are designed to advance our knowledge of intestinal stem cell biology that may aid in the development of novel cell transplantation methods for the treatment of intestinal diseases and disorders - L'Hopital de Bocage, Dijon, France - Collaborators include Patrick Callier, Christel Thauvin-Robinet, Sandy Lambert, Frederic Huet, Francine Mugneret, and Laurence Favre from L'Hopital de Bocage and Hiroshi Kurosaka, Ph.D., D.D.S., and Paul Trainor, Ph.D., from the Stowers Institute. This work focuses on studying signaling pathways and mechanisms involved in gonadal development and how these components and processes are affected in related disorders. In particular, this research examines the Hedgehog pathway in human testicular organogenesis and embryonic development. This work may lead to new approaches to treat or prevent developmental abnormalities that involve Hedgehog signaling - Sixth People Hospital and Ruijin Hospital, Shanghai, China - Collaborators include Jun Shi, Ye-Hua Yu, and Ying Tao from Sixth People Hospital, Cai-Wen Duan, Bo Wang, Xiang-Cheng Zhou, Yi-Jun Cai, Zuo-Qing Li, Jian-Qing Mi, Guo-qiang Chen, and Deng-Li Hong from Ruijin Hospital, and Linheng Li, Ph.D., from the Stowers Institute. Some cancers are maintained by a small subset of tumor cells known as cancer propagating cells that can be resistant to conventional cancer treatments. This research centers on examining cancer propagating cells present in leukemia, how these cells interact with their local environments that serve as protective niches, and how altering these niches may modulate the efficacy of anti-cancer therapies. The Institute also collaborated with institutions associated with teaching and research hospitals including the University of Kansas Medical Center Research Institute, University of Kansas Medical Center, University of Kansas Center for Research, University of Missouri School of Medicine, Christian Medical College, Vellore, India, David Geffen School of Medicine at University of California, Los Angeles, Department of Veterans Affairs Medical Center, Oklahoma City, Oklahoma, Harbin Medical University, China, Harvard Medical School, Howard Hughes Medical Institute, Indiana University School of Medicine, Memorial Sloan-Kettering Cancer Center, Institute for Medical Research, London, United Kingdom, New York University School of Medicine, Peggy and Charles Stephenson Oklahoma Cancer Center, Oklahoma City, Perelman School of Medicine at the University of Pennsylvania, Saint Louis University School of Medicine, Shanghai Children's Medical Center, Shanghai, China, Shanghai Jiao Tong University School of Medicine, China, Temple University School of Medicine, The University of Texas Medical School at Houston, Tufts University School of Medicine, University of Colorado Anschutz Medical Campus, University of Geneva Medical School, Switzerland, University of Manitoba, Canada, University of Miami Miller School of Medicine, University of Michigan Medical School, University of Oklahoma Health Science Center, University of Texas Southwestern Medical Center, University of Utah School of Medicine, University of Virginia School of Medicine, Ve</p>	

Return Reference	Explanation	
	FORM 990, PART III, LINE 4 CONT	<p>terans Affairs Greater Los Angeles Healthcare System, Washington University School of Medicine, Weill Medical College of Cornell University, and Yale University School of Medicine. In total, Stowers researchers successfully collaborated with colleagues at 60 national and 37 international hospitals, universities, and research institutes. In addition to the institutions listed above, collaborators included American Museum of Natural History, Buck Institute for Research on Aging, California Institute of Technology, Chinese Academy of Sciences, Beijing, China, Dalhousie University, Canada, Gladstone Institute of Cardiovascular Disease, Harvard University, Hubrecht Institute, Utrecht, The Netherlands, Institute for Systems Biology, Seattle, Washington, Kangwon National University, Chuncheon, Republic of Korea, King's College London, United Kingdom, Korea Research Institute of Bioscience and Biotechnology, Kyoto University, Japan, Ludwig Maximilian University of Munich, Germany, Monash University, Clayton, Australia, Open University, United Kingdom, Polish Academy of Sciences, Poznan, Poland, Purdue University, Regis University, Rockefeller University, Rush University, Sanford-Burnham Medical Research Institute, Scripps Research Institute, Swiss Institute of Bioinformatics, Lausanne, Switzerland, Tel Aviv University, Israel, Tsinghua University, Beijing, China, Universidad de Concepcion, Chile, Universite de Bourgogne, Dijon, France, Universite de Rennes, France, Universite de Strasbourg, France, University College London, United Kingdom, University of Calgary, Canada, University of California, Los Angeles, University of California, Riverside, University of California, San Diego, University of California, San Francisco, University of Cambridge, United Kingdom, University of Chicago, University of Colorado, Boulder, University of Geneva, Switzerland, University of Iowa, University of Kansas, University of Lausanne, Switzerland, University of Louisville, University of Michigan, University of Ottawa, Canada, University of Rochester, University of Southern California, University of Texas at Dallas, University of Utah, University of Waterloo, Canada, University of Wisconsin, University Pierre and Marie Curie, Paris, France, Whitehead Institute for Biomedical Research, Yale University, and Yonsei University, Incheon, Republic of Korea.</p>

Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT	<p>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 Ridgew ay, 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 pathw ays that regulate how the mammalian head, brain and nervous syst em are built, using a variety of vertebrate model systems - 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 How ard Hughes Medic al Institute Investigator, joined the Stowers Institute in 2002 after completing a Howard Hughes Medical Institute postdoctoral fellow ship in the laboratory of Dr Thomas R Cech a t the University of Colorado-Boulder Dr Baumann received a Ph D in biochemistry from th e 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 Medical Resear ch Foundation where she was an Associate Investigator of the Howard Hughes Medical Institu te and interim head of the program in Molecular and Cell Biology Dr Conaway received her doctorate in cell biology from Stanford University School of Medicine Research Focus An alysis of the molecular mechanism and regulation of gene transcription - Ronald Conaway, Ph D , Investigator, joined the Stow ers Institute in 2001 from the Oklahoma Medical Researc h Foundation where he was holder of the Chapman Chair in Medical Research Dr Conaway rec eived his Ph D in biochemistry from Stanford University School of Medicine Research Focu s Analysis of the molecular mechanism and regulation of gene transcription - Jennifer Ger ton, Ph D , Investigator, joined the Stowers Institute in 2002 from a postdoctoral fellow s hip in the laboratory of Dr Joseph DeRisi in the Department of Biochemistry and Biophysic s at the University of California-San Francisco Dr Gerton received a Ph D in microbiolog y and immunology from Stanford University Research Focus Genomic and genetic analysis o f chromosome segregation and chromosome dynamics - Matthew Gibson, Ph D , Associate Invest igator, joined the Stowers Institute in 2006 from a Jane Coffin Childs Memorial Fund postd octoral fellowship with Dr Norbert Perrimon at Harvard Medical School Dr Gibson receive d a Ph D in zoology from the University of Washington Research Focus Genetic analysis o f mechanisms controlling signal transduction, cell proliferation, and epithelial morphogen esis during Drosophila development - R Scott Hawley, Ph D , Investigator, joined the Stow ers Institute in 2001 from the University of California-Davis where he was a professor of genetics in the Molecular and Cellular Biology section Dr Hawley earned a Ph D in genet ics from the University of Washington and completed postdoctoral training as a Helen Hay W hitney Fellow at the Institute for Cancer Research in Philadelphia Research Focus Invest igation of mechanisms that influence how chromosomes pair and segregate during meiosis usi ng Drosophila as an experimental system - Sue Jaspersen, Ph D , Associate Investigator, jo ined 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 , a nd 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 Research Fo cus Inner nuclear membrane protein localization and role in chromosome positioning and se gregation - Linheng Li, Ph D , Investigator, joined the Stowers Institute in 2000 from the University of Washington Medical Center where he held a faculty appointment after complet ing postdoctoral training in the laboratory directed by Dr Leroy Hood Dr Li earned his Ph D in molecular and cellular biology from New York University Medical School under the mentoring of Dr Edward Ziff Research Focus Inve</p>

Return Reference	Explanation	
FORM 990, PART III, LINE 4 CONT		<p>stigation of molecular and genetic pathways controlling adult stem cell development in the hematopoietic and intestinal systems using transgenic and gene targeting animal model approaches - Rong Li, Ph D , Investigator, joined the Stowers Institute in 2005 from the Department of Cell Biology at Harvard Medical School where she served as an Associate Professor She earned a Ph D in cell biology at the University of California-San Francisco with Dr Andrew Murray and held a Damon Runyon-Walter Winchell Cancer Research Fellowship as a postdoctoral associate with Dr David Drubin at the University of California-Berkeley Research Focus Mechanism of cell polarization and cell motility, genome dynamics and cellular evolvability, and epithelial tissue morphogenesis - Tatjana Piotrowski, Ph D Associate Investigator, joined the Stowers Institute in 2011 from the University 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 Tbingen, Germany, and her doctorate degree from the Max Planck Institute for Developmental Biology in Tbingen Research Focus collective cell migration, cell type specification and stem cell biology in zebrafish as a model system - Alejandro Snchez Alvarado, Ph D , Investigator, joined the Stowers Institute in 2011 from the University of Utah's School of Medicine, where he held the H A & Edna Benning Professorship of Neurobiology and Anatomy He received 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 College 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 Shilatifard 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 Childs Fellow at the Oklahoma Medical Research Foundation Research Focus Molecular pathway of leukemogenesis - Kausik Si, Ph D , Associate Investigator, joined the Stowers Institute in 2005 from the laboratory of Dr Eric Kandel at Columbia University Center for Neurobiology and Behavior where he was a Jane Coffin Childs Fellow and a Francis Goelet Fellow in Neuroscience Dr Si earned a Ph D in molecular biology from the Albert Einstein College of Medicine Research Focus Role of synaptic protein synthesis in information acquisition and memory storage - Paul Trainor, Ph D , Investigator, joined the Stowers Institute in 2001 from a research position at the National Institute for Medical Research at Mill Hill, London, where he completed postdoctoral training Dr Trainor has a Ph D in developmental biology from Children's Medical Research Institute at the University of Sydney, Australia Research Focus Investigation of the interactions between distinct tissues in the body and their regulation during normal development to reveal pathways that regulate normal cranial and facial development - Jerry Workman, Ph D , Investigator, joined the Stowers Institute in 2003 from the Pennsylvania State University where he held the Paul Berg Professorship of Biochemistry and was an Associate Investigator of the Howard Hughes Medical Institute Dr Workman earned a Ph D in cell and molecular biology from the University of Michigan and completed postdoctoral training at the Rockefeller University with Dr Bob Roeder Research Focus Study of the protein complexes that modify chromatin - Ting Xie, Ph D , Investigator, joined the Stowers Institute in 2000 after completing a H</p>

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

OMB No 1545-0047

2014

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 (DE) 1000 EAST 50TH STREET KANSAS CITY, MO 64110 27-4482762	SEE PART VII	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	
(7) THE GRADUATE SCHOOL OF SIMR (MO) 1000 EAST 50TH STREET KANSAS CITY, MO 64110 46-4588696	SEE PART VII	MO	501(C)(3)	2	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) Disproporionate allocations?		(i) Code V-UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner?		(k) Percentage ownership
							Yes	No		Yes	No	

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) 2014

Part VI **Unrelated Organizations Taxable as a Partnership** Complete if the organization answered "Yes" on Form 990, Part IV, line 37.
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

(a) Name, address, and EIN of entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Predominant income (related, unrelated, excluded from tax under sections 512-514)	(e) Are all partners section 501(c)(3) organizations?		(f) Share of total income	(g) Share of end-of-year assets	(h) Disproportionate allocations?		(i) Code V-UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner?		(k) Percentage ownership
				Yes	No			Yes	No		Yes	No	

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 II, LINES (5) AND (7), COLUMN B THE GRADUATE SCHOOL OF SIMR'S PRIMARY ACTIVITY IS EDUCATION THE GRADUATE SCHOOL OF SIMR(DE) MERGED WITH THE GRADUATE SCHOOL OF SIMR(MO) ON JUNE 30, 2014 THE SURVIVING ORGANIZATION IS THE GRADUATE SCHOOL OF SIMR(MO) EIN #46-4588696
PART IV, LINE (1), 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 SUBLEASE PAYMENTS FROM BVD BASED ON COST FOR LESS THAN 300 SQ FT OF SPACE FOR A LIMITED USE PURPOSE 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)	SIMR ENTERED INTO A LEASE EFFECTIVE JANUARY 1, 2009, WITH STOWERS REAL ESTATE HOLDING CORPORATION("SREHC"), A 501(C)(2) TAX EXEMPT ORGANIZATION THAT IS A RELATED PARTY TO SIMR THE LEASE HAS AN ORIGINAL TERM OF 10 YEARS WITH PROVISION FOR ADDITIONAL OPTION YEARS FOR A 280,000 SQUARE FEET BUILDING SIMR'S LEASE PAYMENTS TO SREHC IN 2014 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 MANAGEMENTINC 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 (DE) 1000 EAST 50TH STREET KANSAS CITY, MO 64110 27-4482762	SEE PART VII	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	
(6) THE GRADUATE SCHOOL OF SIMR (MO) 1000 EAST 50TH STREET KANSAS CITY, MO 64110 46-4588696	SEE PART VII	MO	501(C)(3)	2	SIMR	Yes	

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

(a) Name of related organization	(b) Transaction type(a-s)	(c) Amount Involved	(d) Method of determining amount involved
BIOMED VALLEY DISCOVERIES INC	A	14,475	MARKET VALUE
THE GRADUATE SCHOOL OF SIMR	B	2,000,000	MARKET VALUE
STOWERS RESOURCE MANAGEMENT INC	C	70,000,000	MARKET VALUE
STOWERS SCIENTIFIC EDUCATION INSTITUTE	C	108,277	COST REIMB
BIOMED VALLEY CORPORATION	C	51,873	MARKET VALUE
STOWERS REAL ESTATE HOLDINGS CORP	K	2,230,551	MARKET VALUE
STOWERS RESOURCE MANAGEMENT INC	P	19,591,874	COST REIMB
BIOMED VALLEY DISCOVERIES INC	P	214,731	COST REIMB
BIOMED VALLEY DISCOVERIES INC	Q	561,413	COST REIMB
SEE PART VII FOR ADDITIONAL INFORMATION			