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Part III

Statement of Program Service Accomplishments

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

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 and section 4947(a)(1) trusts are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

4a

(Code ) (Expenses \$ 64,911,315 including grants of \$ 1,151,122 ) (Revenue \$ 182,210 )

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 \$ 64,911,315

Part IV

Checklist of Required Schedules

		Yes	No	
1	Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete Schedule A 	1	Yes	
2	Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)? 	2	Yes	
3	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I	3		No
4	<b>Section 501(c)(3) organizations.</b> Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If "Yes," complete Schedule C, Part II	4		No
5	Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? If "Yes," complete Schedule C, Part III	5		No
6	Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? If "Yes," complete Schedule D, Part I 	6		No
7	Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas or historic structures? If "Yes," complete Schedule D, Part II 	7		No
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III 	8		No
9	Did the organization report an amount in Part X, line 21, 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, XII, and XIII 	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, XII, and XIII 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, Part I	14b		No
15	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or assistance to any organization or entity located outside the U S? If "Yes," complete Schedule F, Part II and IV	15		No
16	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or assistance to individuals located outside the U S? If "Yes," complete Schedule F, Part 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	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 hospitals? If "Yes," complete Schedule H	20a		No
b	If "Yes" to line 20a, did the organization attach its audited financial statement to this return? <b>Note.</b> All Form 990 filers that operated one or more hospitals must attach audited financial statements	20b		

Part IV

Checklist of Required Schedules (continued)

21	Did the organization report more than \$5,000 of grants and other assistance to governments and organizations in the United States on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i> . . . . .	21		No
22	Did the organization report more than \$5,000 of grants and other assistance to individuals in the United States on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i> . . . . .	22	Yes	
23	Did the organization answer "Yes" to Part VII, Section A, questions 3, 4, or 5, about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J</i> . . . . .	23	Yes	
24a	Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer questions 24b–24d and complete Schedule K. If "No," go to line 25</i> . . . . .	24a		No
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception? . . . .	24b		
c	Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds? . . . . .	24c		
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year? . . . .	24d		
25a	<b>Section 501(c)(3) and 501(c)(4) organizations.</b> Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i> . . . . .	25a		No
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i> . . . . .	25b		No
26	Was a loan to or by a current or former officer, director, trustee, key employee, highly compensated employee, or disqualified person outstanding as of the end of the organization's tax year? <i>If "Yes," complete Schedule L, Part II</i> . . . . .	26		No
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor, or a grant selection committee member, or to a person related to such an individual? <i>If "Yes," complete Schedule L, Part III</i> . . . . .	27		No
28	Was the organization a party to a business transaction with one of the following parties? (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions)			
a	A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i> . . . . .	28a		No
b	A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i> . . . . .	28b	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 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, Parts II, III, IV, and V, line 1</i> . . . . .	34	Yes	
35a	Is any related organization a controlled entity of the filing organization within the meaning of section 512(b)(13)?	35a	Yes	
b	Did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2</i> . . . . .	35b	Yes	
36	<b>Section 501(c)(3) organizations.</b> Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i> . . . . .	36		No
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i> . . . . .	37		No
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11 and 19? <b>Note.</b> All Form 990 filers are required to complete Schedule O . . . . .	38	Yes	

<b>Part V</b> <b>Statements Regarding Other IRS Filings and Tax Compliance</b>			
Check if Schedule O contains a response to any question in this Part V <input type="checkbox"/>			
		<b>Yes</b>	<b>No</b>
<b>1a</b>	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable. .	<b>1a</b>	24
<b>b</b>	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable.	<b>1b</b>	0
<b>c</b>	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	<b>1c</b>	Yes
<b>2a</b>	Enter the number of employees reported on Form W-3, <i>Transmittal of Wage and Tax Statements</i> filed for the calendar year ending with or within the year covered by this return.	<b>2a</b>	401
<b>b</b>	If at least one is reported on line 2a, did the organization file all required federal employment tax returns?  <b>Note.</b> If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions).	<b>2b</b>	Yes
<b>3a</b>	Did the organization have unrelated business gross income of \$1,000 or more during the year?	<b>3a</b>	No
<b>b</b>	If "Yes," has it filed a Form 990-T for this year? If "No," provide an explanation in Schedule O.	<b>3b</b>	
<b>4a</b>	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account or securities account)?	<b>4a</b>	No
<b>b</b>	If "Yes," enter the name of the foreign country: See instructions for filing requirements for Form TD F 90-22.1, Report of Foreign Bank and Financial Accounts.		
<b>5a</b>	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?	<b>5a</b>	No
<b>b</b>	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?	<b>5b</b>	No
<b>c</b>	If "Yes" to line 5a or 5b, did the organization file Form 8886-T?	<b>5c</b>	
<b>6a</b>	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?	<b>6a</b>	No
<b>b</b>	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?	<b>6b</b>	
<b>7</b>	<b>Organizations that may receive deductible contributions under section 170(c).</b>		
<b>a</b>	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?	<b>7a</b>	No
<b>b</b>	If "Yes," did the organization notify the donor of the value of the goods or services provided?	<b>7b</b>	
<b>c</b>	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	<b>7c</b>	No
<b>d</b>	If "Yes," indicate the number of Forms 8282 filed during the year.	<b>7d</b>	
<b>e</b>	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	<b>7e</b>	No
<b>f</b>	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	<b>7f</b>	No
<b>g</b>	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?	<b>7g</b>	
<b>h</b>	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?	<b>7h</b>	
<b>8</b>	<b>Sponsoring organizations maintaining donor advised funds and section 509(a)(3) supporting organizations.</b> Did the supporting organization, or a donor advised fund maintained by a sponsoring organization, have excess business holdings at any time during the year?	<b>8</b>	
<b>9</b>	<b>Sponsoring organizations maintaining donor advised funds.</b>		
<b>a</b>	Did the organization make any taxable distributions under section 4966?	<b>9a</b>	
<b>b</b>	Did the organization make a distribution to a donor, donor advisor, or related person?	<b>9b</b>	
<b>10</b>	<b>Section 501(c)(7) organizations.</b> Enter		
<b>a</b>	Initiation fees and capital contributions included on Part VIII, line 12.	<b>10a</b>	
<b>b</b>	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities.	<b>10b</b>	
<b>11</b>	<b>Section 501(c)(12) organizations.</b> Enter		
<b>a</b>	Gross income from members or shareholders.	<b>11a</b>	
<b>b</b>	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them).	<b>11b</b>	
<b>12a</b>	<b>Section 4947(a)(1) non-exempt charitable trusts.</b> Is the organization filing Form 990 in lieu of Form 1041?	<b>12a</b>	
<b>b</b>	If "Yes," enter the amount of tax-exempt interest received or accrued during the year.	<b>12b</b>	
<b>13</b>	<b>Section 501(c)(29) qualified nonprofit health insurance issuers.</b>		
<b>a</b>	Is the organization licensed to issue qualified health plans in more than one state? <b>Note.</b> All 501(c)(29) organizations must list in Schedule O each state in which they are licensed to issue qualified health plans, the amount of reserves required by each state, and the amount of reserves the organization allocated to each state.	<b>13a</b>	
<b>b</b>	Enter the aggregate amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans.	<b>13b</b>	
<b>c</b>	Enter the aggregate amount of reserves on hand.	<b>13c</b>	
<b>14a</b>	Did the organization receive any payments for indoor tanning services during the tax year?	<b>14a</b>	No
<b>b</b>	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O.	<b>14b</b>	

Part VI

Governance, Management, and Disclosure

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

Section A. Governing Body and Management

			Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year	1a7		
b	Enter the number of voting members included in line 1a, above, who are independent	1b0		
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
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	7b		No
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following			
a	The governing body?	8a	Yes	
b	Each committee with authority to act on behalf of the governing body?	8b	Yes	
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O	9		No

Section B. Policies

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

			Yes	No
10a	Did the organization have local chapters, branches, or affiliates?	10a		No
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 the Form 990			
12a	Did the organization have a written conflict of interest policy? If "No," go to line 13	12a	Yes	
b	Were officers, directors or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12b	Yes	
c	Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done	12c	Yes	
13	Did the organization have a written whistleblower policy?	13	Yes	
14	Did the organization have a written document retention and destruction policy?	14	Yes	
15	Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?			
a	The organization's CEO, Executive Director, or top management official	15a	Yes	
b	Other officers or key employees of the organization	15b	Yes	
	If "Yes," to line 15a or 15b, describe the process in Schedule O (see instructions)			
16a	Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?	16a		No
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	
19	Describe in Schedule O whether (and if so, how), the organization made its governing documents, conflict of interest policy, and financial statements available to the public. See Additional Data Table.	
20	State the name, physical address, and telephone number of the person who possesses the books and records of the organization.	
	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 to any question in this Part VII

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

- 1a** Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.
- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation, and **current** key employees. 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 organizations compensated any current or former officer, director, or trustee

(A) Name and Title	(B) Average hours per week (describe hours for related organizations in Schedule O)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(1) JAMES E STOWERS JR DIRECTOR	2 0	X						0	0	0
(2) VIRGINIA G STOWERS DIRECTOR	2 0	X						0	0	0
(3) DAVID A WELTE DIRECTOR/SECRETARY	2 0	X		X				0	977,117	55,297
(4) RODERICK L STURGEON DIRECTOR	2 0	X						0	1,157,859	51,962
(5) WILLIAM B NEAVES DIRECTOR/PRESIDENT EMERITUS	40 0	X		X				447,761	0	49,102
(6) DAVID M CHAO DIRECTOR/PRESIDENT/CEO	40 0	X		X				1,142,746	0	38,170
(7) RICHARD W BROWN DIRECTOR/CHAIR	2 0	X		X				0	1,732,640	48,262
(8) ROBERT E KRUMLAUF SCIENTIFIC DIRECTOR	40 0				X			449,339	0	51,549
(9) RONALD C CONAWAY INVESTIGATOR	40 0					X		251,805	0	38,169
(10) JOAN W CONAWAY INVESTIGATOR	40 0					X		249,652	0	49,552
(11) JERRY L WORKMAN INVESTIGATOR	40 0					X		250,131	0	43,910
(12) R SCOTT HAWLEY INVESTIGATOR	40 0					X		270,407	0	56,890
(13) ALI SHILATIFARD INVESTIGATOR	40 0					X		241,767	0	52,470



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

(A) Name and Title	(B) Average hours per week (describe hours for related organizations in Schedule O)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
<b>1b Sub-Total . . . . .</b>										
<b>c Total from continuation sheets to Part VII, Section A . . . . .</b>										
<b>d Total (add lines 1b and 1c) . . . . .</b>								3,303,608	3,867,616	535,333

**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 ▶34

		Yes	No
<b>3</b>	Did the organization list any <b>former</b> officer, director or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i> . . . . .	<b>3</b>	No
<b>4</b>	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> . . . . .	<b>4</b>	Yes
<b>5</b>	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> . . . . .	<b>5</b>	No

## **Section B. Independent Contractors**

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

(A) Name and business address	(B) Description of services	(C) Compensation
AMERICAN CENTURY INVESTMENTS 4500 MAIN STREET KANSAS CITY, MO 64111	SEE SCH L, PART V	500,000
<b>2</b> Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization <b>►1</b>		

Part VIII Statement of Revenue

				(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512, 513, or 514	
Contributions, gifts, grants and other similar amounts	1a	Federated campaigns . . .	1a					
	b	Membership dues . . . . .	1b					
	c	Fundraising events . . . . .	1c					
	d	Related organizations . . . .	1d	49,733,348				
	e	Government grants (contributions)	1e	6,267,013				
	f	All other contributions, gifts, grants, and similar amounts not included above	1f	1,864,805				
	g	Noncash contributions included in lines 1a-1f \$ 49,906,628						
	h	Total. Add lines 1a-1f . . . . .		57,865,166				
Program Service Revenue			Business Code					
	2a	COLLABORATION FEE FROM HHMI 501(C) (3)	900099	182,210	182,210			
	b							
	c							
	d							
	e							
	f	All other program service revenue						
	g	Total. Add lines 2a-2f . . . . .		182,210				
Other Revenue	3	Investment income (including dividends, interest and other similar amounts) . . . . .		584,440			584,440	
	4	Income from investment of tax-exempt bond proceeds . .		0				
	5	Royalties . . . . .		366,619			366,619	
	6a	(i) Real		(ii) Personal				
		Gross rents	10,014					
		b Less rental expenses	10,014					
		c Rental income or (loss)						
	d	Net rental income or (loss) . . . . .						
	7a	(i) Securities		(ii) Other				
		Gross amount from sales of assets other than inventory	85,180,210	15,290				
		b Less cost or other basis and sales expenses	83,858,641	24,298				
		c Gain or (loss)	1,321,569	-9,008				
	d	Net gain or (loss) . . . . .		1,312,561			1,312,561	
	8a	Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18 . . . .	a					
	b	Less direct expenses . . . .	b					
	c	Net income or (loss) from fundraising events . .		0				
	9a	Gross income from gaming activities See Part IV, line 19 . . . .	a					
	b	Less direct expenses . . . .	b					
	c	Net income or (loss) from gaming activities . .		0				
	10a	Gross sales of inventory, less returns and allowances . . . .	a					
	b	Less cost of goods sold . . . .	b					
	c	Net income or (loss) from sales of inventory . .		0				
	Miscellaneous Revenue		Business Code					
11a	MO QUALITY JOBS REBATE	900099	203,964			203,964		
b	OTHER REBATES & REVENUE	900099	46,398			46,398		
c								
d	All other revenue . . . . .							
e	Total. Add lines 11a-11d . . . . .		250,362					
12	Total revenue. See Instructions . . . . .		60,561,358	182,210		2,513,982		

Part IX

Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns

All other organizations must complete column (A) but are not required to complete columns (B), (C), and (D)

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

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.		(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1	Grants and other assistance to governments and organizations in the United States See Part IV, line 21	0			
2	Grants and other assistance to individuals in the United States See Part IV, line 22	1,151,122	1,151,122		
3	Grants and other assistance to governments, organizations, and individuals outside the United States See Part IV, lines 15 and 16	0			
4	Benefits paid to or for members	0			
5	Compensation of current officers, directors, trustees, and key employees . . . . .	2,178,666	1,960,799	217,867	
6	Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B) . . . . .	0			
7	Other salaries and wages	19,138,217	17,224,395	1,913,822	
8	Pension plan contributions (include section 401(k) and section 403(b) employer contributions) . . . . .	2,829,722	2,546,750	282,972	
9	Other employee benefits . . . . .	3,166,612	2,849,951	316,661	
10	Payroll taxes . . . . .	1,306,897	1,176,207	130,690	
11	Fees for services (non-employees)				
a	Management . . . . .	0			
b	Legal . . . . .	54,294		54,294	
c	Accounting . . . . .	10,200		10,200	
d	Lobbying . . . . .	0			
e	Professional fundraising See Part IV, line 17 . . . . .	0			
f	Investment management fees . . . . .	0			
g	Other . . . . .	1,383,476	1,245,128	138,348	
12	Advertising and promotion . . . . .	0			
13	Office expenses . . . . .	340,382	306,344	34,038	
14	Information technology . . . . .	399,471	359,524	39,947	
15	Royalties . . . . .	173,624	156,262	17,362	
16	Occupancy . . . . .	2,323,812	2,091,431	232,381	
17	Travel . . . . .	656,413	590,772	65,641	
18	Payments of travel or entertainment expenses for any federal, state, or local public officials . . . . .	0			
19	Conferences, conventions, and meetings . . . . .	703,752	633,377	70,375	
20	Interest . . . . .	0			
21	Payments to affiliates . . . . .	0			
22	Depreciation, depletion, and amortization . . . . .	11,724,175	10,551,758	1,172,417	
23	Insurance . . . . .	0			
24	Other expenses Itemize expenses not covered above (List miscellaneous expenses in line 24f If line 24f amount exceeds 10% of line 25, column (A) amount, list line 24f expenses on Schedule O )				
a	COST-SHARING W/RELATED ORG	16,675,992	15,008,393	1,667,599	
b	LAB SUPPLIES	6,401,614	5,761,453	640,161	
c	NON-CAPITAL EQUIPMENT	678,952	611,057	67,895	
d	SCIENTIFIC CONSULTING	383,842	345,458	38,384	
e					
f	All other expenses	379,040	341,134	37,906	
25	Total functional expenses. Add lines 1 through 24f	72,060,275	64,911,315	7,148,960	0
26	Joint costs. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720) Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation				

Part X

Balance Sheet

					(A)		(B)
					Beginning of year		End of year
Assets	1	Cash—non-interest-bearing . . . . .			2,178,335	1	1,943,474
	2	Savings and temporary cash investments . . . . .			0	2	0
	3	Pledges and grants receivable, net . . . . .			804,237	3	697,175
	4	Accounts receivable, net . . . . .			0	4	0
	5	Receivables from current and former officers, directors, trustees, key employees, and highest compensated employees Complete Part II of Schedule L . . . . .			0	5	0
	6	Receivables from other disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B) Complete Part II of Schedule L . . . . .			0	6	0
	7	Notes and loans receivable, net . . . . .			0	7	0
	8	Inventories for sale or use . . . . .			349,600	8	349,600
	9	Prepaid expenses and deferred charges . . . . .			631,357	9	714,385
	10a	Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D	10a	313,812,169			
	b	Less accumulated depreciation . . . . .	10b	131,463,800	189,268,370	10c	182,348,369
	11	Investments—publicly traded securities . . . . .			91,159,672	11	86,566,796
	12	Investments—other securities See Part IV, line 11 . . . . .			15,662	12	354,224
	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 . . . . .			212,236,512	15	202,922,595
	16	Total assets. Add lines 1 through 15 (must equal line 34) . . . . .			496,643,745	16	475,896,618
Liabilities	17	Accounts payable and accrued expenses . . . . .			5,780,182	17	7,365,107
	18	Grants payable . . . . .			0	18	0
	19	Deferred revenue . . . . .			536,488	19	617,194
	20	Tax-exempt bond liabilities . . . . .			0	20	0
	21	Escrow or custodial account liability Complete Part IV of Schedule D . . . . .			0	21	0
	22	Payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons Complete Part II of Schedule L . . . . .			0	22	0
	23	Secured mortgages and notes payable to unrelated third parties . . . . .			0	23	0
	24	Unsecured notes and loans payable to unrelated third parties . . . . .			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 . . . . .			211,148,145	25	201,700,407
	26	Total liabilities. Add lines 17 through 25 . . . . .			217,464,815	26	209,682,708
Net Assets or Fund Balances	Organizations that follow SFAS 117, check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.						
	27	Unrestricted net assets . . . . .			279,178,930	27	266,213,910
	28	Temporarily restricted net assets . . . . .			0	28	0
	29	Permanently restricted net assets . . . . .			0	29	0
	Organizations that do not follow SFAS 117, check here <input type="checkbox"/> and complete lines 30 through 34.						
	30	Capital stock or trust principal, or current funds . . . . .				30	
	31	Paid-in or capital surplus, or land, building or equipment fund . . . . .				31	
	32	Retained earnings, endowment, accumulated income, or other funds . . . . .				32	
	33	Total net assets or fund balances . . . . .			279,178,930	33	266,213,910
	34	Total liabilities and net assets/fund balances . . . . .			496,643,745	34	475,896,618

Part XI Reconciliation of Net Assets

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

1	Total revenue (must equal Part VIII, column (A), line 12)	1	60,561,358
2	Total expenses (must equal Part IX, column (A), line 25)	2	72,060,275
3	Revenue less expenses Subtract line 2 from line 1	3	-11,498,917
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	279,178,930
5	Other changes in net assets or fund balances (explain in Schedule O)	5	-1,466,103
6	Net assets or fund balances at end of year Combine lines 3, 4, and 5 (must equal Part X, line 33, column (B))	6	266,213,910

Part XII Financial Statements and Reporting

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

		Yes	No
1	Accounting method used to prepare the Form 990 <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O		
2a	Were the organization's financial statements compiled or reviewed by an independent accountant?		No
b	Were the organization's financial statements audited by an independent accountant?	Yes	
c	If "Yes," to 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O	Yes	
d	If "Yes" to line 2a or 2b, check a box below to indicate whether the financial statements for the year were issued on a separate basis, consolidated basis, or both <input type="checkbox"/> Separate basis <input checked="" type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separated basis		
3a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?	Yes	
b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits	Yes	

SCHEDULE A  
(Form 990 or 990EZ)

Department of the Treasury  
Internal Revenue Service

Public Charity Status and Public Support

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

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

OMB No 1545-0047

2011

Open to Public Inspection

Name of the organization 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 **section 170(b)(1)(A)(i).**

2

☐

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

3

☐

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

4

☒

A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state  
  
CHILDREN'S MERCY HOSPITAL,  
  
'  
KANSAS CITY, MO  
MASSACHUSETTS GENERAL HOSPITAL,  
  
'  
BOSTON, MA

5

☐

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

6

☐

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

7

☐

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

8

☐

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

9

☐

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

10

☐

An organization organized and operated exclusively to test for public safety Seesection 509(a)(4).

11

☐

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

a

☐

Type I

b

☐

Type II

c

☐

Type III - Functionally integrated

d

☐

Type III - Other

e

☐

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

f

☐

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

g

☐

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

(i)

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

(ii)

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

(iii)

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

h

☐

Provide the following information about the supported organization(s)

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

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

Part II

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

Section A. Public Support						
Calendar year (or fiscal year beginning in)	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants ")						
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 <b>Total.</b> 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 <b>Public Support.</b> Subtract line 5 from line 4						

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

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

Part IIIPart III

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

Section A. Public Support						
Calendar year (or fiscal year beginning in)	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")						
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year						
c Add lines 7a and 7b						
8 Public Support (Subtract line 7c from line 6 )						

Section B. Total Support						
Calendar year (or fiscal year beginning in)	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
9 Amounts from line 6						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
c Add lines 10a and 10b						
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part IV.)						
13 Total support (Add lines 9, 10c, 11 and 12.)						
14 First Five Years If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a 501(c)(3) organization, check this box and <b>stop here</b>						

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

Section D. Computation of Investment Income Percentage			
17 Investment income percentage for 2011 (line 10c column (f) divided by line 13 column (f))	17		
18 Investment income percentage from 2010 Schedule A, Part III, line 17	18		
19a 33 1/3% support tests—2011. If the organization did not check the box on line 14, and line 15 is more than 33 1/3% and line 17 is not more than 33 1/3%, check this box and <b>stop here</b> . The organization qualifies as a publicly supported organization			
b 33 1/3% support tests—2010. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and <b>stop here</b> . The organization qualifies as a publicly supported organization			
20 Private Foundation If the organization did not check a box on line 14, 19a or 19b, check this box and see instructions			



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

Facts And Circumstances Test

Explanation

**Additional Data**

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

**Form 990, Special Condition Description:**

<b>Special Condition Description</b>
--------------------------------------

SCHEDULE D

(Form 990)

Department of the Treasury  
Internal Revenue Service

Supplemental Financial Statements

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

OMB No 1545-0047

2011

Open to Public  
Inspection

**Name of the organization**  
STOWERS INSTITUTE FOR MEDICAL RESEARCH

**Employer identification number**  
  
20-2993509

Part I

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

	(a) Donor advised funds	(b) Funds and other accounts
1	Total number at end of year	
2	Aggregate contributions to (during year)	
3	Aggregate grants from (during year)	
4	Aggregate value at end of year	
5	Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control? <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div>	
6	Did the organization inform all grantees, donors, and donor advisors in writing that grant funds may be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div>	

Part II

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

1

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

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

☐ Preservation of an historically importantly land area

☐ Protection of natural habitat

☐ Preservation of a certified historic structure

☐ Preservation of open space

2

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

	Held at the End of the Year
a	Total number of conservation easements
b	Total acreage restricted by conservation easements
c	Number of conservation easements on a certified historic structure included in (a)
d	Number of conservation easements included in (c) acquired after 8/17/06

3

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

4

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

5

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

☐ Yes ☐ No

6

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

7

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

8

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

☐ Yes ☐ No

9

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

Part III

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

1a

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

b

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

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

▶ \$ \_\_\_\_\_

(ii) Assets included in Form 990, Part X

▶ \$ \_\_\_\_\_

2

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

a

Revenues included in Form 990, Part VIII, line 1

▶ \$ \_\_\_\_\_

b

Assets included in Form 990, Part X

▶ \$ \_\_\_\_\_

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

Cat No 52283D

Schedule D (Form 990) 2011

Part III

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

3

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

a

☐ Public exhibition

d

☐ Loan or exchange programs

b

☐ Scholarly research

e

☐ Other

c

☐ Preservation for future generations

4

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

5

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

☐ Yes

☐ No

Part IV

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

1a

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

☐ Yes

☐ No

b

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

c

Beginning balance

d

Additions during the year

e

Distributions during the year

f

Ending balance

	Amount
1c	
1d	
1e	
1f	

2a

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

☐ Yes

☐ No

b

If "Yes," explain the arrangement in Part XIV

Part V

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

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

2

Provide the estimated percentage of the year end balance held as

a

Board designated or quasi-endowment ▶

b

Permanent endowment ▶

c

Term endowment ▶

3a

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

(i)

unrelated organizations . . . . .

(ii)

related organizations . . . . .

b

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

	Yes	No
3a(i)		
3a(ii)		
3b		

4

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

Part VI

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

Description of property	(a) Cost or other basis (investment)	(b)Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a	Land . . . . .	3,400,000		3,400,000
b	Buildings . . . . .	224,028,188	65,254,547	158,773,641
c	Leasehold improvements . . . . .			
d	Equipment . . . . .	86,377,682	66,209,254	20,168,428
e	Other . . . . .	6,300		6,300
Total. Add lines 1a-1e (Column (d) should equal Form 990, Part X, column (B), line 10(c).) ▶				182,348,369



Part XI

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

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

Part XII

Reconciliation of Revenue per Audited Financial Statements With Revenue per Return

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

Part XIII

Reconciliation of Expenses per Audited Financial Statements With Expenses per Return

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 XIV) . . . . .	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 XIV) . . . . .	4b	
c	Add lines 4a and 4b . . . . .	4c	
5	Total expenses Add lines 3 and 4c. (This should equal Form 990, Part I, line 18 ) . . . . .	5	

Part XIV

Supplemental Information

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

Identifier	Return Reference	Explanation
SCHEDULE D	PART X, LINE 2	FIN 48 FINANCIAL STATEMENT FOOTNOTE FROM THE CONSOLIDATED STATEMENTS OF STOWERS INSTITUTE FOR MEDICAL RESEARCH (THE INSTITUTE) IS AS FOLLOWS THE INSTITUTE RECOGNIZES THE EFFECT OF INCOME TAX POSITIONS ONLY IF THOSE POSITIONS ARE MORE LIKELY THAN NOT OF BEING SUSTAINED RECOGNIZED INCOME TAX POSITIONS ARE MEASURED AT THE LARGEST AMOUNT THAT IS GREATER THAN 50% LIKELY OF BEING REALIZED AS DESCRIBED ABOVE IN NOTE 1, THE INSTITUTE CONSISTS OF FIVE TAX-EXEMPT ENTITIES AS DESCRIBED IN SECTION 501(C)(3) OF THE CODE THEREORE, IT IS THE INSITUTE'S TAX POSITION THAT THESE FIVE ENTITIES ARE EXEMPT FROM FEDERAL INCOME TAXES

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

OMB No 1545-0047

2011

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

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

2

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

3

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

Part III

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

(a)Type of grant or assistance	(b)Number of recipients	(c)Amount of cash grant	(d)Amount of non-cash assistance	(e)Method of valuation (book, FMV, appraisal, other)	(f)Description of non-cash assistance
(1) STIPENDS/FELLOWSHIPS	64	1,151,122		N/A	N/A

Part IV

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

Identifier	Return Reference	Explanation
SCHEDULE I	PART I, LINE 2	SIMR PROVIDES TRAINING STIPEND/FELLOWSHIPS TO UNDERGRADUATES, GRADUATES, AND POST-DOCTORAL CANDIDATES. THESE STIPENDS/FELLOWSHIPS ARE PROVIDED FOR THE INDIVIDUAL'S TRAINING AND NOT AS COMPENSATION FOR ANY SERVICES PROVIDED BY THEM TO SIMR. STIPENDS/FELLOWSHIPS ARE OFFERED ON A NON-DISCRIMINATORY BASIS TO INDIVIDUALS STUDYING A BASIC BIOMEDICAL FIELD WITH THE OBJECTIVE OF CONTINUING IN THIS FIELD UPON THE COMPLETION OF THEIR EDUCATION AND TRAINING.



Schedule J  
(Form 990)

Compensation Information

OMB No 1545-0047

2011

Open to Public Inspection

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

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

▶ Attach to Form 990. ▶ See separate instructions.

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

Part I

Questions Regarding Compensation

		Yes	No
1a	Check the appropriate box(es) if the organization provided any of the following to or for a person listed in Form 990, Part VII, Section A, line 1a Complete Part III to provide any relevant information regarding these items		
	<input type="checkbox"/> First-class or charter travel		
	<input type="checkbox"/> Housing allowance or residence for personal use		
	<input type="checkbox"/> Travel for companions		
	<input type="checkbox"/> Payments for business use of personal residence		
	<input checked="" type="checkbox"/> Tax idemnification and gross-up payments		
	<input type="checkbox"/> Health or social club dues or initiation fees		
	<input type="checkbox"/> Discretionary spending account		
	<input type="checkbox"/> Personal services (e g , maid, chauffeur, chef)		
b	If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all the expenses described above? If "No," complete Part III to explain	1b	Yes
2	Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all officers, directors, trustees, and the CEO/Executive Director, regarding the items checked in line 1a?	2	Yes
3	Indicate which, if any, of the following the organization uses to establish the compensation of the organization's CEO/Executive Director Check all that apply		
	<input checked="" type="checkbox"/> Compensation committee		
	<input checked="" type="checkbox"/> Written employment contract		
	<input checked="" type="checkbox"/> Independent compensation consultant		
	<input checked="" type="checkbox"/> Compensation survey or study		
	<input type="checkbox"/> Form 990 of other organizations		
	<input checked="" type="checkbox"/> Approval by the board or compensation committee		
4	During the year, did any person listed in Form 990, Part VII, Section A, line 1a with respect to the filing organization or a related organization		
a	Receive a severance payment or change-of-control payment?	4a	No
b	Participate in, or receive payment from, a supplemental nonqualified retirement plan?	4b	No
c	Participate in, or receive payment from, an equity-based compensation arrangement?	4c	No
	If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III		
	Only 501(c)(3) and 501(c)(4) organizations only must complete lines 5-9.		
5	For persons listed in form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of		
a	The organization?	5a	Yes
b	Any related organization?	5b	No
	If "Yes," to line 5a or 5b, describe in Part III		
6	For persons listed in form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of		
a	The organization?	6a	No
b	Any related organization?	6b	No
	If "Yes," to line 6a or 6b, describe in Part III		
7	For persons listed in Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III	7	No
8	Were any amounts reported in Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regs section 53 4958-4(a)(3)? If "Yes," describe in Part III	8	No
9	If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53 4958-6(c)?	9	

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

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

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

(A) Name		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation reported in prior Form 990 or Form 990-EZ
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
(1) DAVID A WELTE	(i)	0	0	0	0	0	0	0
	(ii)	947,816	0	29,301	36,750	18,547	1,032,414	0
(2) RODERICK L STURGEON	(i)	0	0	0	0	0	0	0
	(ii)	1,114,083	0	43,776	36,750	15,212	1,209,821	0
(3) WILLIAM B NEAVES	(i)	440,014	0	7,747	36,750	12,352	496,863	0
	(ii)	0	0	0	0	0	0	0
(4) DAVID M CHAO	(i)	1,140,406	0	2,340	36,750	1,420	1,180,916	0
	(ii)	0	0	0	0	0	0	0
(5) ROBERT E KRUMLAUF	(i)	445,902	0	3,437	36,750	14,799	500,888	0
	(ii)	0	0	0	0	0	0	0
(6) RONALD C CONAWAY	(i)	249,609	0	2,196	36,750	1,419	289,974	0
	(ii)	0	0	0	0	0	0	0
(7) JOAN W CONAWAY	(i)	247,456	0	2,196	36,750	12,802	299,204	0
	(ii)	0	0	0	0	0	0	0
(8) JERRY L WORKMAN	(i)	248,936	0	1,195	36,750	7,160	294,041	0
	(ii)	0	0	0	0	0	0	0
(9) R SCOTT HAWLEY	(i)	268,174	0	2,233	36,750	20,140	327,297	0
	(ii)	0	0	0	0	0	0	0
(10) ALI SHILATIFARD	(i)	225,029	0	16,738	34,388	18,082	294,237	0
	(ii)	0	0	0	0	0	0	0
(11) RICHARD W BROWN	(i)	0	0	0	0	0	0	0
	(ii)	1,702,671	0	29,969	36,750	11,512	1,780,902	0

Part III

Supplemental Information

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

Identifier	Return Reference	Explanation
PART I, LINE 1A		SIMR HAS WRITTEN EMPLOYMENT CONTRACTS WITH WILLIAM B. NEAVES, PRESIDENT EMERITUS, AND DAVID M. CHAO, PRESIDENT, WHICH PROVIDES FOR TAXABLE TERM LIFE BENEFITS AND FOR THE EXECUTIVES TO RECEIVE TAX GROSS-UP PAYMENTS SUFFICIENT TO COVER THE TAXES ON THE BENEFITS.
PART I, LINE 1B		SIMR PROVIDED THE BENEFITS DESCRIBED IN RESPONSE TO LINE 1A PURSUANT TO WRITTEN EMPLOYMENT CONTRACTS THAT WERE APPROVED BY SIMR'S GOVERNING BOARD. SEE RESPONSE TO FORM 990, PART VI, SECTION B, LINE 15, FOR ADDITIONAL PROCESSES RELATED TO DETERMINING EXECUTIVE COMPENSATION.
PART I, LINE 5A		SIMR ACCRUED A PAYMENT OF \$86,812 DUE TO ROBERT E. KRUMLAUF, SCIENTIFIC DIRECTOR. THIS PAYMENT REPRESENTS THE PORTION OF THE NET ROYALTIES RECEIVED BY SIMR FOR LICENSED SCIENTIFIC DISCOVERY TECHNOLOGY THAT IS PAYABLE TO ROBERT E. KRUMLAUF, PH.D., FOR HIS PARTICIPATION IN THE DISCOVERY.

Schedule L  
(Form 990 or 990-EZ)

Department of the Treasury  
Internal Revenue Service

Transactions with Interested Persons

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

OMB No 1545-0047

2011

Open to Public Inspection

Name of the organization  
STOWERS INSTITUTE FOR MEDICAL RESEARCH

Employer identification number  
20-2993509

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

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

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

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

Part II Loans to and/or From Interested Persons.  
Complete if the organization answered "Yes" on Form 990, Part IV, line 26, or Form 990-EZ, Part V, line 38a

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

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

(a) Name of interested person	(b)Relationship between interested person and the organization	(c)Amount of grant or type of assistance

Part IVBusiness 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	500,000	SEE PART V		No
(2) JULIA ZEITLINGER PhD	SEE PART V	109,137	EMPLOYEE OF SIMR		No
(3) LEANNE WIEDEMANN PhD	SEE PART V	182,777	EMPLOYEE OF SIMR		No

Part VSupplemental Information

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

Identifier	Return Reference	Explanation
PART IV, LINE (1)		RICHARD W BROWN, DAVID A WELTE, AND RODERICK L STURGEON ARE CURRENT DIRECTORS OF SIMR AND ALSO DIRECTORS OF AMERICAN CENTURY COMPANIES, INC ("ACCI") JAMES E STOWERS JR , A DIRECTOR OF SIMR, IS ALSO THE FOUNDER OF ACCI SIMR, ALONG WITH MR STOWERS, OTHER STOWERS FAMILY MEMBERS, AND OTHER RELATED PARTIES DISCLOSED IN SCHEDULE R RETAIN A CONTROLLING VOTING INTEREST IN ACCI SIMR RECEIVES INVESTMENT MANAGEMENT SERVICES FROM AMERICAN CENTURY INVESTMENTS ("ACI") SIMR PAYS THE SAME ADMINISTRATIVE FEES FOR THESE SERVICES AS ANY ARMS-LENGTH MUTUAL FUND INVESTOR THE VALUE OF THESE SERVICES, ESTIMATED BY MULTIPLYING SIMR'S AVERAGE AMOUNT OF MUTUAL FUND HOLDINGS THROUGHOUT THE YEAR BY THE PUBLISHED ADMINISTRATIVE FEE PERCENTAGE FOR THE APPLICABLE FUNDS, WAS APPROXIMATELY \$500,000 IN SELECTING ACI TO MANAGE ITS LIQUID INVESTMENTS, SIMR SELECTED A HIGH QUALITY MUTUAL FUND COMPANY WITH AN OUTSTANDING TRACK RECORD
PART IV, LINE (2) & (3)		JULIA ZEITLINGER, PH D, IS THE SPOUSE OF DAVID M CHAO, PRESIDENT OF SIMR MS ZEITLINGER IS AN ASSISTANT INVESTIGATOR AT SIMR MS ZEITLINGER'S PREVIOUS EMPLOYMENT BEFORE SIMR WAS WITH THE WHITEHEAD INSTITUTE FOR MEDICAL RESEARCH WHERE SHE WAS THE RECIPIENT OF A POSTDOCTORAL FELLOWSHIP FROM THE HUMAN FRONTIER SCIENCE PROGRAM LEANNE WIEDMANN, PH D, IS THE SPOUSE OF ROBERT KRUMLAUGF, SCIENTIFIC DIRECTOR OF SIMR MS WIEDEMANN PERFORMS INDEPENDENT SCIENCE RESEARCH AT SIMR AND IS CONCURRENTLY A PROFESSOR AT THE UNIVERSITY OF KANSAS MEDICAL CENTER IN THE DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE

SCHEDULE M  
(Form 990)

Department of the Treasury  
Internal Revenue Service

NonCash Contributions

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

OMB No 1545-0047

2011

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) Contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining 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	49,563,919	FAIR MARKET VALUE
10 Securities—Closely held stock . . . . .	X	1	337,691	FAIR MARKET VALUE
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 ► ( SUPPLIES ) . . . . .	X	1	5,018	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 . . . . .			29	
30a During the year, did the organization receive by contribution any property reported in Part I, lines 1-28 that it must hold for at least three years from the date of the initial contribution, and which is not required to be used for exempt purposes for the entire holding period? . . . . .				Yes No
b If "Yes," describe the arrangement in Part II				
31 Does the organization have a gift acceptance policy that requires the review of any non-standard contributions? . . . . .				Yes
32a Does the organization hire or use third parties or related organizations to solicit, process, or sell non-cash contributions? . . . . .				No
b If "Yes," describe in Part II				
33 If the organization did not report revenues in column (c) for a type of property for which column (a) is checked, describe in Part II				

Part III

**Supplemental Information.** Complete this part to provide the information required by Part I, lines 30b, 32b, and 33. Also complete this part for any additional information.

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

2011

Open to Public Inspection

SCHEDULE O

(Form 990 or 990-EZ)

Department of the Treasury

Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on

Form 990 or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

Name of the organization

STOWERS INSTITUTE FOR MEDICAL RESEARCH

Employer identification number

20-2993509

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 1		THE STOWERS INSTITUTE FOR MEDICAL RESEARCH PERFORMS MEDICAL RESEARCH IN THE PUBLIC INTEREST WITH THE GOAL OF EXPANDING OUR UNDERSTANDING OF FUNDAMENTAL PROCESSES IN LIVING CELLS AND IMPROVING LIFE'S QUALITY THROUGH INNOVATIVE APPROACHES TO THE CAUSES, TREATMENT, AND PREVENTION OF DISEASE. FORM 990, PART III, LINE 4 SIMR'S ACCOMPLISHMENTS ARE DESCRIBED AT END OF SCHEDULE O. FORM 990, PART VI, LINE 2 JAMES E. STOWERS JR. AND VIRGINIA G. STOWERS, DIRECTORS OF SIMR, HAVE A FAMILY RELATIONSHIP. RICHARD W. BROWN, DAVID A. WELTE, 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. 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, LLC. PRICEWATERHOUSECOOPERS ("PWC"), OUR EXTERNAL TAX PREPARERS, USE THIS INFORMATION TO PREPARE THE FORM 990. THE COMPLETED FORM 990, INCLUDING REQUIRED SCHEDULES, IS DISTRIBUTED IN ADVANCE TO ALL OFFICERS OF SIMR FOR THEIR REVIEW AND COMMENTS BEFORE THE FORM 990 IS FILED WITH THE IRS. AFTER THE PREPARATION AND REVIEW PROCESS DESCRIBED ABOVE, THE FORM 990, INCLUDING REQUIRED SCHEDULES, IS PROVIDED TO EACH VOTING MEMBER OF THE ORGANIZATION'S BOARD BEFORE IT IS FILED WITH THE IRS. 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. FORM 990, PART VI, LINES 15A & 15B THE PROCESS FOR DETERMINING THE REASONABLENESS OF THE COMPENSATION FOR SIMR'S 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. COMPENSATION WAS DOCUMENTED IN EMPLOYMENT CONTRACTS WHICH WERE APPROVED BY THE GOVERNING BODY AS DOCUMENTED IN THE OFFICIAL MINUTES. THE PROCESS WAS LAST UNDERTAKEN FOR THE PRESIDENT AND CEO POSITIONS IN 2009 AT THE TIME THE CURRENT CONTRACTS IN EFFECT WERE EXECUTED. ALSO, A REVIEW PROCESS FOR ALL SIMR EXECUTIVES WAS COMMENCED IN SPRING 2012. FORM 990, PART VI, LINE 19 SIMR'S GOVERNING DOCUMENTS, CONFLICT OF INTEREST POLICY, AND FINANCIAL STATEMENTS ARE AVAILABLE ON REQUEST.



Identifier	Return Reference	Explanation
FORM 990, PART XI, LINE 5	OTHER CHANGES IN NET ASSETS INCLUDE THE FOLLOWING	ACTUARIAL LOSS ON ANNUITY (587,951), UNREALIZED LOSSES ON INVESTMENTS (878,152), TOTAL OTHER CHANGES IN NET ASSETS \$(1,466,103)

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FORM 990, PART III, LINE 4	2011 PROGRAM SERVICE ACCOMPLISHMENTS	THE STOWERS INSTITUTE FOR MEDICAL RESEARCH ("SIMR") IS A PRIVATE, NONPROFIT MEDICAL RESEARCH ORGANIZATION. SIMR WAS FOUNDED IN 1994 BY JIM AND VIRGINIA STOWERS, TWO CANCER SURVIVORS WHO HAVE DEDICATED THEIR FORTUNE TO SUPPORTING BASIC RESEARCH IN CELL AND MOLECULAR BIOLOGY THAT WILL PROVIDE LONG-TERM SOLUTIONS TO GENE-BASED DISEASES. SIMR CONDUCTS BASIC BIOMEDICAL RESEARCH IN THE PUBLIC INTEREST THAT WILL ULTIMATELY PROVIDE A GREATER UNDERSTANDING OF THE GENES AND PROTEINS THAT CONTROL HOW CELLS IN OUR BODIES MULTIPLY, FORM TISSUES, AND DIE. LIKE A GROWING NUMBER OF SCIENTISTS TODAY, INSTITUTE SCIENTISTS ARE CONVINCED THAT BY STUDYING THE BASIC BIOLOGY OF CELLS THEY WILL DISCOVER HOW GENES CAUSE MANY DISEASES, INCLUDING CANCER, DIABETES, AND DEMENTIA. BASIC RESEARCH CONDUCTED AT SIMR SHOULD POINT THE WAY TO THE DEVELOPMENT OF NEW PREVENTIONS, TREATMENTS, AND CURES FOR GENETIC DISEASES.

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT	2011 NOTABLE RESEARCH RESULTS	<p>IN 2011, SIMR RESEARCH TEAMS MADE DISCOVERIES MERITING PUBLICATION IN LEADING PEER-REVIEWED SCIENTIFIC JOURNALS - 66 ORIGINAL RESEARCH PAPERS IN ALL. SIMR RESEARCH TEAMS ALSO PUBLISHED 44 REVIEWS, COMMENTARIES, CHAPTERS, AND ONE BOOK. SOME OF THE HIGHLIGHTS AMONG PAPERS PUBLISHED IN 2011 INCLUDE:</p> <p>THE ZEITLINGER LAB DISCOVERED THAT THE BINDING OF THE TRANSCRIPTION FACTOR TWIST IS HIGHLY CONSERVED ACROSS SIX DROSOPHILA SPECIES, REVEALING STRONG FUNCTIONAL CONSTRAINTS AT ITS ENHANCERS (PUBLISHED IN THE APRIL 10 ADVANCE ONLINE EDITION OF NATURE GENETICS).</p> <p>THE CONAWAY LAB, IN COLLABORATION WITH THE PROTEOMICS CENTER, THE SHILATIFARD LAB AND THE KRUMLAUF LAB, IDENTIFIED THE MOLECULAR LINC PIN THAT ALLOWS RNA POLYMERASE II TO SHIFT FROM A STATIC STATE TO AN ACTIVE, GENE-EXPRESSION MODE (PUBLISHED IN THE JULY 8 ISSUE OF CELL).</p> <p>THE SHILATIFARD LAB PINPOINTED THE SUPER ELONGATION COMPLEX AS A MAJOR REGULATOR IN THE COORDINATED EXPRESSION OF EARLY DEVELOPMENTAL GENES (PUBLISHED IN THE JULY 15 ISSUE OF GENES &amp; DEVELOPMENT).</p> <p>THE WORKMAN LAB, IN COLLABORATION WITH THE PROTEOMICS CENTER, THE SHILATIFARD AND THE CONAWAY LAB, REPORTED THAT THE HIGHLY CONSERVED COACTIVATOR SAGA, BEST CHARACTERIZED FOR LENDING A HELPING HAND DURING THE EARLY STEPS OF TRANSCRIPTIONAL INITIATION IN YEAST, PLAYS AN IMPORTANT ROLE IN TISSUE-SPECIFIC GENE EXPRESSION IN FRUIT FLIES (PUBLISHED IN THE JULY 15 ISSUE OF GENES &amp; DEVELOPMENT).</p> <p>THE SANCHEZ ALVARADO LAB DEMONSTRATED HOW THE FLATWORM SCHMIDTEA MEDITERRANEA REGENERATES ITS EXCRETORY SYSTEM FROM SCRATCH PROVIDING NEW CLUES ABOUT THE EVOLUTIONARY ORIGIN OF MAMMALIAN KIDNEYS (PUBLISHED IN THE AUGUST 9 ISSUE OF THE JOURNAL DEVELOPMENT).</p> <p>THE RONG LI LAB DISCOVERED THAT A POWERFUL INTRACELLULAR STREAM PUSHES CHROMOSOMES FAR-OFF THE CENTER IN PREPARATION FOR THE HIGHLY ASYMMETRIC CELL DIVISION THAT COMPLETES OOCYTE MATURATION UPON FERTILIZATION OF THE EGG (PUBLISHED IN THE AUGUST 28 ADVANCE ONLINE EDITION OF NATURE CELL BIOLOGY).</p> <p>THE LINHENG LI LAB TEASED APART THE MOLECULAR MECHANISMS ENABLING STEM CELL RENEWAL IN HEMATOPOIETIC STEM CELLS ISOLATED FROM MICE AND SUCCESSFULLY APPLIED THE INSIGHT TO EXPAND CULTURED HEMATOPOIETIC STEM CELLS A HUNDREDFOLD (PUBLISHED IN THE SEPTEMBER 15 ISSUE OF GENES &amp; DEVELOPMENT).</p> <p>THE HAWLEY LAB CLARIFIED THE ROLE OF KEY CHROMOSOMAL REGIONS CALLED CENTROMERES IN THE FORMATION OF THE STRUCTURE THAT ALLOWS CHROMOSOMES TO PAIR UP DURING AN EARLY AND CRITICAL STEP OF MEIOSIS (PUBLISHED IN THE NOVEMBER 8 ISSUE OF CURRENT BIOLOGY).</p> <p>THE JASPERSEN LAB DEMONSTRATED THAT A PROTEIN KNOWN AS MPS3 NOT ONLY ENSURES THAT CELLS HAVE TWO FUNCTIONAL SPINDLE POLE BODIES, WHICH GENERATE THE MITOTIC SPINDLE APPARATUS THAT HELPS PULL THE CHROMOSOMES APART, BUT ALSO THAT BOTH SPINDLE POLE BODIES ARE PROPERLY ANCHORED IN THE NUCLEAR MEMBRANE (PUBLISHED IN THE NOV 17 ISSUE OF PLOS GENETICS).</p> <p>THE RONG LI LAB REPORTED THAT THE LIMITED MOBILITY OF CLUMPS OF DAMAGED PROTEINS AND YEAST CELLS' GEOMETRY-THE NARROWNESS OF THE CONNECTION (BUD NECK) BETWEEN THE MOTHER AND THE DAUGHTER BEFORE THEIR SEPARATION, IN PARTICULAR-ARE SUFFICIENT TO ENSURE THAT PROTEIN AGGREGATES ACCUMULATED DURING THE NORMAL AGING PROCESS ARE RETAINED IN THE MOTHER CELL DURING CELL DIVISION (NOVEMBER 23, 2011, ISSUE OF CELL).</p> <p>THE SHILATIFARD LAB FOUND EVIDENCE THAT FOR EACH CLASS OF GENES TRANSCRIBED BY RNA POLYMERASE II THERE EXISTS A SPECIFIC CLASS OF ELONGATION FACTORS (PUBLISHED IN THE DECEMBER 23 ISSUE OF MOLECULAR CELL).</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT		<p>COMPREHENSIVE LIST OF 2011 ORIGINAL RESEARCH PAPERS, REVIEWS, COMMENTARIES OR CHAPTERS, AND BOOKS ORIGINAL RESEARCH PAPERS BEAR J, RUBINSTEIN B, FEL L CAPILLARY PRESSURE CURVE FOR LIQUID MENISCI IN A CUBIC ASSEMBLY OF SPHERICAL PARTICLES BELOW IRREDUCIBLE SATURATION TRANSPORT IN POROUS MEDIA 2011,89 63-73 BENAZERAF B, FRANCOIS P, DENANS N, LITTLE CD, POURQUIE O [A NON DIRECTIONAL CELL MIGRATION GRADIENT IN THE PRESOMITIC MESODERM CONTRIBUTES TO AXIS ELONGATION IN CHICKEN EMBRY OS] BIOL AUJOURDHUI 2011,205 95-103 BERDYGULOVA Z, WESTBLADE LF, FLORENS L, KOONIN EV, CHAIT BT, RAMANCULOV E, WASHBURN MP, DARST SA, SEVERINOV K, MINAKHIN L TEMPORAL REGULATION OF GENE EXPRESSION OF THE THERMUS THERMOPHILUS BACTERIOPHAGE P23-45 J MOL BIOL 2011,405 125-142 BROWN WRA, LITI G, ROSA C, JAMES S, ROBERTS I, ROBERT V, JOLLY N, TANG W, BAUMANN P, GREEN C, SCHLEGEL K, YOUNG J, HIRCHAUD F, LEEK S, THOMAS G, BLOMBERG A, WARRINGER J A GEOGRAPHICALLY DIVERSE COLLECTION OF SCHIZOSACCHAROMYCES POMBE ISOLATES SHOWS LIMITED PHENOTYPIC VARIATION BUT EXTENSIVE KARYOTYPIC DIVERSITY G3 GENES, GENOMES, GENETICS 2011,1 615-626 CAPOTOSTI F, GUERNIER S, LAMMERS F, WARIDEL P, CAI Y, JIN J, CONAWAY JW, CONAWAY RC, HERR W O-GLCNAC TRANSFERASE CATALYZES SITE-SPECIFIC PROTEOLYSIS OF HCF-1 CELL 2011,144 376-388 CASTRANOVA D, LAWTON A, LAWRENCE C, BAUMANN DP, BEST J, COSCOLLA J, DOHERTY A, RAMOS J, HAKKESTEEG J, WANG C, WILSON C, MALLEY J, WEINSTEIN BM THE EFFECT OF STOCKING DENSITIES ON REPRODUCTIVE PERFORMANCE IN LABORATORY ZEBRAFISH (DANIO RERIO) ZEBRAFISH 2011,8 141-146 CHARLES C, HOVORAKOVA M, AHN Y, LYONS DB, MARANGONI P, CHURAVA S, BIEHS B, JHEON A, LESOT H, BALOOCH G, KRUMLAUF R, VIRIOT L, PETERKOVA R, KLEIN OD REGULATION OF TOOTH NUMBER BY FINE-TUNING LEVELS OF RECEPTOR-TYROSINE KINASE SIGNALING DEVELOPMENT 2011,138 4063-4073 CHEN L, CAI Y, JIN J, FLORENS L, SWANSON SK, WASHBURN MP, CONAWAY JW, CONAWAY RC SUBUNIT ORGANIZATION OF THE HUMAN INO80 CHROMATIN REMODELING COMPLEX AN EVOLUTIONARY CONSERVED CORE COMPLEX CATALYZES ATP-DEPENDENT NUCLEOSOME REMODELING J BIOL CHEM 2011,286 11283-11289 CHITTULURU JR, CHABAN Y, MONNET-SAKSOUK J, CARROZZA MJ, SAPOUNTZI V, SELLECK W, HUANG J, UTLEY RT, CRAMET M, ALLARD S, CAIG, WORKMAN JL, FRIED MG, TAN S, COTE J, ASTURIAS FJ STRUCTURE AND NUCLEOSOME INTERACTION OF THE YEAST NUA4 AND PICCOLO-NUA4 HISTONE ACETYLTRANSFERASE COMPLEXES NAT STRUCT MOL BIOL 2011,18 1196-1203 COSTESSI A, MAHROUR N, TUCHON E, STUNNENBERG R, STOEL MA, JANSEN PW, SELA D, MARTIN-BROWN S, WASHBURN MP, FLORENS L, CONAWAY JW, CONAWAY RC, STUNNENBERG HG THE TUMOUR ANTIGEN PRAME IS A SUBUNIT OF A CUL2 UBIQUITIN LIGASE AND ASSOCIATES WITH ACTIVE NFY PROMOTERS EMBO J 2011,30 3786-3798 CUNNINGHAM TJ, CHATZI C, SANDELL LL, TRAINOR PA, DUESTER G RDH10 MUTANTS DEFICIENT IN LIMB FIELD RETINOIC ACID SIGNALING EXHIBIT NORMAL LIMB PATTERNING BUT DISPLAY INTERDIGITAL WEBBING DEV DYN 2011,240 1142-1150 FARJO KM, MOISEYEV G, NIKOLAEVA O, SANDELL LL, TRAINOR PA, MA JX RDH10 IS THE PRIMARY ENZYME RESPONSIBLE FOR THE FIRST STEP OF EMBRYONIC VITAMIN A METABOLISM AND RETINOIC ACID SYNTHESIS DEV BIOL 2011,357 347-355 FRIEDERICH S, GHOSH S, SMOYER CJ, MCCROSKEY S, MILLER BD, WEAVER KJ, DELVENTHAL KM, UNRUH J, SLAUGHTER BD, JASPERSEN SL THE SUN PROTEIN MPS3 IS REQUIRED FOR SPINDLE POLE BODY INSERTION INTO THE NUCLEAR MEMBRANE AND NUCLEAR ENVELOPE HOMEOSTASIS PLOS GENET 2011,7 E1002365 GAO JT, GUIMERA R, LI H, PINTO IM, SALES-PARDO M, WAI SC, RUBINSTEIN B, LI R MODULAR COHERENCE OF PROTEIN DYNAMICS IN YEAST CELL POLARITY SYSTEM PROC NATL ACAD SCI U S A 2011,108 7647-7652 GARDNER JM, SMOYER CJ, STENSRUD ES, ALEXANDER R, GOGOL M, WIEGRAEBE W, JASPERSEN SL TARGETING OF THE SUN PROTEIN MPS3 TO THE INNER NUCLEAR MEMBRANE BY THE HISTONE VARIANT H2A Z J CELL BIOL 2011,193 489-507 GIBSON WT, VELDHIJS JH, RUBINSTEIN B, CARTWRIGHT HN, PERRIMON N, BRODLAND GW, NAGPAL R, GIBSON MC CONTROL OF MITOTIC CLEAVAGE PLANE BY LOCAL EPITHELIAL TOPOLOGY CELL 2011,144 427-438 GILMORE JM, SARDIU ME, VENKATESH S, STUTZMAN B, PEAK A, SEIDEL CW, WORKMAN JL, FLORENS L, WASHBURN MP CHARACTERIZATION OF A HIGHLY CONSERVED HISTONE RELATED PROTEIN, YDL156W, AND ITS FUNCTIONAL ASSOCIATIONS USING QUANTITATIVE PROTEOMIC ANALYSES [PUBLISHED AHEAD OF PRINT DECEMBER 22 2011] MOL CELL PROTEOMICS 2011 GRAVELEY BR, BROOKS AN, CARLSON JW, DUFF MO, LANDOLIN JM, YANG L, ARTIERI CG, VAN BAREN MJ, BOLEY N, BOOTH BW, BROWN JB, CHERBAS L, DAVIS CA, DOBIN A, LI R, LIN W, MALONE JH, MATTIUZZO NR, MILLER D, STURGILL D, TUCH BB, ZALESKI C, ZHANG D, BLANCHETTE M, DUDOIT S, EADS B, GREEN RE, HAMMONDS A, JIANG L, KAPRANOV P, LANGTON L, PERRIMON N, SANDLER JE, WAN KH, WILLINGHAM A, ZHANG Y, ZOU Y, ANDREWS J, BICKEL PJ, BRENNER SE, BRENT MR, CHERBAS P, GINGERAS TR, HOSKINS RA, KAUFMAN TC, OLIVER B, CELNIKER SE THE DEVELOPMENTAL TRANSCRIPTOME OF DROSOPHILA MELANOGASTER NATURE 2011,471 473-479</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT		<p>HAO Y, XU N, BOX A, SCHAEFER L, KANNAN K, ZHANG Y, FLORENS L, SEIDEL C, WASHBURN M, WIEGRAEBE W, MAK HY NUCLEAR CGMP-DEPENDENT KINASE REGULATES GENE EXPRESSION VIA ACTIVITY-DEPENDENT RECRUITMENT OF A CONSERVED HISTONE DEACETYLASE COMPLEX PLOS GENET 2011,7 E1002065</p> <p>HARALALKA S, SHELTON C, CARTWRIGHT HN, KATZFEY E, JANZEN E, ABMAYR SM ASYMMETRIC MBC, ACTIVE RAC1 AND F-ACTIN FOCI IN THE FUSION-COMPETENT MYOBLASTS DURING MYOBLAST FUSION IN DROSOPHILA DEVELOPMENT 2011,138 1551 - 1562</p> <p>HE Q, BARDET AF, PATTON B, PURVIS J, JOHNSTON J, PAULSON A, GOGOL M, STARK A, ZEITLINGER J HIGH CONSERVATION OF TRANSCRIPTION FACTOR BINDING AND EVIDENCE FOR COMBINATORIAL REGULATION ACROSS SIX DROSOPHILA SPECIES NAT GENET 2011,43 414-420</p> <p>HOCHHEISER H, ARONOW BJ, ARTINGER K, BEATY TH, BRINKLEY JF, CHAI Y, CLOUTHIER D, CUNNINGHAM ML, DIXON M, DONAHUE LR, FRASER SE, HALLGRIMSSON B, IWATA J, KLEIN O, MARAZITA ML, MURRAY JC, MURRAY S, DE VILLENA FP, POSTLETHWAIT J, POTTER S, SHAPIRO L, SPRITZ R, VISEL A, WEINBERG SM, TRAINOR PA THE FACEBASE CONSORTIUM A COMPREHENSIVE PROGRAM TO FACILITATE CRANIOFACIAL RESEARCH DEV BIOL 2011,355 175-182</p> <p>HRECKA K, HAO C, GIERSEWSKA M, SWANSON SK, KESIK-BRODACKA M, SRIVASTAVA S, FLORENS L, WASHBURN MP, SKOWRONSKI J VPX RELIEVES INHIBITION OF HIV-1 INFECTION OF MACROPHAGES MEDIATED BY THE SAMHD1 PROTEIN NATURE 2011,474 658-661</p> <p>HUGHES SE, BEELER JS, SEAT A, SLAUGHTER BD, UNRUH JR, BAUERLY E, MATTHIES HJ, HAWLEY RS GAMMA-TUBULIN IS REQUIRED FOR BIPOLAR SPINDLE ASSEMBLY AND FOR PROPER KINETOCHORE MICROTUBULE ATTACHMENTS DURING PROMETAPHASE I IN DROSOPHILA OOCYTES PLOS GENET 2011,7 E1002209</p> <p>KANNAN L, LI H, MUSHEGIAN A A POLYNOMIAL-TIME ALGORITHM COMPUTING LOWER AND UPPER BOUNDS OF THE ROOTED SUBTREE PRUNE AND REGRAFT DISTANCE J COMPUT BIOL 2011,18 743-757</p> <p>KECK JM, JONES MH, WONG CC, BINKLEY J, CHEN D, JASPERSEN SL, HOLINGER EP, XU T, NIEPEL M, ROUT MP, VOGEL J, SIDOW A, YATES JR, 3RD, WINEY M A CELL CYCLE PHOSPHOPROTEOME OF THE YEAST CENTROSOME SCIENCE 2011,332 1557-1561</p> <p>KIRILLY D, WANG S, XIE T SELF-MAINTAINED ESCORT CELLS FORM A GERMLINE STEM CELL DIFFERENTIATION NICHE DEVELOPMENT 2011,138 5087-5097</p> <p>KIM S, MA L, YU CR REQUIREMENT OF CALCIUM-ACTIVATED CHLORIDE CHANNELS IN THE ACTIVATION OF THE MOUSE VOMERONASAL NEURON NAT COMMUN[SERIAL ONLINE] 2011,2 365</p> <p>DOI 10.1038/NCOMMS1368</p> <p>KRISTENSEN DM, CAI X, MUSHEGIAN A EVOLUTIONARILY CONSERVED ORTHOLOGOUS FAMILIES IN PHAGES ARE RELATIVELY RARE IN THEIR PROKARYOTIC HOSTS J BACTERIOL 2011,193 1806-1814</p> <p>KROL AJ, ROELLIG D, DEQUEANT ML, TASSY O, GLYNN E, HATTEM G, MUSHEGIAN A, OATES AC, POURQUIE O EVOLUTIONARY PLASTICITY OF SEGMENTATION CLOCK NETWORKS DEVELOPMENT 2011,138 2783-2792</p> <p>LAKE CM, NIELSEN RJ, HAWLEY RS THE DROSOPHILA ZINC FINGER PROTEIN TRADE EMBARGO IS REQUIRED FOR DOUBLE STRAND BREAK FORMATION IN MEIOSIS PLOS GENET 2011,7 E1002005</p> <p>LEE KK, SARDIU ME, SWANSON SK, GILMORE JM, TOROK M, GRANT PA, FLORENS L, WORKMAN JL, WASHBURN MP COMBINATORIAL DEPLETION ANALYSIS TO ASSEMBLE THE NETWORK ARCHITECTURE OF THE SAGA AND ADA CHROMATIN REMODELING COMPLEXES MOL SYST BIOL 2011,7 503</p> <p>LIN C, GARRETT AS, DE KUMAR B, SMITH ER, GOGOL M, SEIDEL C, KRUMLAUF R, SHILATIFARD A DYNAMIC TRANSCRIPTIONAL EVENTS IN EMBRYONIC STEM CELLS MEDIATED BY THE SUPER ELONGATION COMPLEX (SEC) GENES DEV 2011,25 1486-1498</p> <p>LITOVCHICK L, FLORENS LA, SWANSON SK, WASHBURN MP, DECAPRIO JA DYRK1A PROTEIN KINASE PROMOTES QUIESCENCE AND SENESCENCE THROUGH DREAM COMPLEX ASSEMBLY GENES DEV 2011,25 801-813</p> <p>LUTES AA, BAUMANN DP, NEAVES WB, BAUMANN P FROM THE COVER LABORATORY SYNTHESIS OF AN INDEPENDENTLY REPRODUCING VERTEBRATE SPECIES PROC NATL ACAD SCI U S A 2011,108 9910-9915</p> <p>MCKINNEY MC, STARK DA, TEDDY J, KULESA PM NEURAL CREST CELL COMMUNICATION INVOLVES AN EXCHANGE OF CYTOPLASMIC MATERIAL THROUGH CELLULAR BRIDGES REVEALED BY PHOTOCONVERSION OF KIKGR DEV DYN 2011,240 1391-1401</p> <p>MCKINNEY MC, KULESA PM IN VIVO CALCIUM DYNAMICS DURING NEURAL CREST CELL MIGRATION AND PATTERNING USING GCAMP3 DEV BIOL 2011,358 309-317</p> <p>MEYER EJ, IKMI A, GIBSON MC INTERKINETIC NUCLEAR MIGRATION IS A BROADLY CONSERVED FEATURE OF CELL DIVISION IN PSEUDOSTRATIFIED EPITHELIA CURR BIOL 2011,21 485-491</p>

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FORM 990, PART III, LINE 4 CONT	COMPETITIVE RESEARCH GRANT FUNDING & RESEARCH AWARDS & DISTINCTIONS	<p>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 2011, STOWERS SCIENTISTS WORKED WITH THE SUPPORT OF 24 GRANTS AND FELLOWSHIPS FROM THE NATIONAL INSTITUTES OF HEALTH, FOUR GRANTS AND FELLOWSHIPS FROM THE AMERICAN CANCER SOCIETY, ONE AWARD FROM ALEX'S LEMONADE STAND FOUNDATION, ONE FELLOWSHIP FROM THE LEUKEMIA AND LYMPHOMA SOCIETY, ONE FELLOWSHIP FROM THE AMERICAN HEART ASSOCIATION, ONE FELLOWSHIP FROM THE AMERICAN ASSOCIATION OF ANATOMISTS, ONE FELLOWSHIP FROM THE LIFE SCIENCES RESEARCH FOUNDATION, ONE FELLOWSHIP FROM THE DAMON RUNYON CANCER RESEARCH FOUNDATION, ONE AWARD FROM THE MCKNIGHT FOUNDATION, 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 AWARD FROM THE KANSAS CITY AREA LIFE SCIENCES INSTITUTE, ONE MARCH OF DIMES AWARD, ONE AWARD FROM THE MIDWEST CANCER ALLIANCE, ONE PEW SCHOLAR AWARD, ONE AWARD FROM THE BURROUGHS WELLCOME FUND, TWO INVESTIGATOR AWARDS FROM THE HOWARD HUGHES MEDICAL INSTITUTE, AND ONE FELLOWSHIP FROM THE JANE COFFIN CHILDS MEMORIAL FUND WITH NEW AND RECURRING GRANT SUPPORT, THE INSTITUTE IS RECEIVING MORE THAN \$7 MILLION A YEAR IN RESEARCH FUNDING TO SUPPLEMENT THE INCOME FROM ITS ENDOWMENTS TESTIFYING TO THE HIGH LEVEL OF ACHIEVEMENT TAKING PLACE AT THE INSTITUTE ARE THE AWARDS AND HONORS INSTITUTE SCIENTISTS RECEIVED IN 2011 - ELIZABETH DUNCAN, PH D, POSTDOCTORAL RESEARCH ASSOCIATE IN THE SNCHEZ ALVARADO LAB, TRANSFERRED A DAMON RUNYON CANCER RESEARCH FOUNDATION FELLOWSHIP TO THE INSTITUTE, EFFECTIVE IN JUNE - JAMIE DYER, PH D, POSTDOCTORAL RESEARCH ASSOCIATE IN THE WORKMAN LAB, RECEIVED A RUTH L KIRSCHSTEIN NATIONAL RESEARCH SERVICE AWARD FROM THE NATIONAL INSTITUTES OF HEALTH, EFFECTIVE IN JULY - MATT GIBSON, PH D, ASSOCIATE INVESTIGATOR, RECEIVED THE 2011 HUDSON PRIZE FROM THE M R AND EVELYN HUDSON FOUNDATION, EFFECTIVE IN JULY - SUE JASPERSEN, PH D, ASSISTANT INVESTIGATOR, RECEIVED AN AMERICAN CANCER SOCIETY RESEARCH SCHOLAR GRANT, EFFECTIVE IN JANUARY - RAM KANNAN, PREDCTORAL RESEARCHER IN THE BAUMAN LAB, RECEIVED AN AMERICAN HEART ASSOCIATION MIDWEST AFFILIATE PREDCTORAL FELLOWSHIP, EFFECTIVE IN JULY - LINHENG LI, PH D, INVESTIGATOR, RECEIVED A NATIONAL INSTITUTES OF HEALTH GRANT, EFFECTIVE IN SEPTEMBER - TATJANA PIOTROWSKI, PH D, ASSOCIATE INVESTIGATOR, JOINED THE INSTITUTE AND TRANSFERRED A NATIONAL INSTITUTES OF HEALTH GRANT AND AMERICAN CANCER SOCIETY SCHOLAR RESEARCH AWARD TO THE INSTITUTE, EFFECTIVE IN JUNE - ALEJANDRO SNCHEZ, PH D, INVESTIGATOR, JOINED THE STOWERS INSTITUTE AND TRANSFERRED A NATIONAL INSTITUTES OF HEALTH GRANT, EFFECTIVE IN JUNE AND A SENIOR SCHOLAR AWARD IN AGING FROM THE ELLISON MEDICAL FOUNDATION, EFFECTIVE IN SEPTEMBER - KIMBERLY TU, PH D POSTDOCTORAL RESEARCH ASSOCIATE IN THE SNCHEZ ALVARADO LAB, TRANSFERRED TO THE INSTITUTE A FELLOWSHIP FROM THE LIFE SCIENCES RESEARCH FOUNDATION, EFFECTIVE IN JUNE - JERRY WORKMAN, PH D, INVESTIGATOR, RECEIVED A NATIONAL INSTITUTES OF HEALTH GRANT, EFFECTIVE IN SEPTEMBER - SACHIKO YAMANAKA, PH D, POSTDOCTORAL RESEARCH ASSOCIATE IN THE YU LAB, WAS AWARDED A FELLOWSHIP FROM THE JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE, EFFECTIVE IN JUNE - RON YU, PH D, ASSOCIATE INVESTIGATOR, RECEIVED A NATIONAL INSTITUTES OF HEALTH GRANT, EFFECTIVE IN JUNE - R SCOTT HAWLEY, PH D, INVESTIGATOR, WAS ELECTED TO THE NATIONAL ACADEMY OF SCIENCES IN JUNE - WILLIAM B NEAVES, PH D, PRESIDENT EMERITUS, WAS ELECTED TO THE AMERICAN ACADEMY OF ARTS AND SCIENCES</p>

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FORM 990, PART III, LINE 4 CONT	COOPERATION AGREEMENTS AND COLLABORATIONS	<p>THE STOWERS INSTITUTE CONTINUED COLLABORATIONS IN 2011 WITH HOSPITALS IN KANSAS CITY (CHILDREN'S MERCY, AND ST LUKE'S) AND BOSTON (MASSACHUSETTS GENERAL HOSPITAL, BRIGHAM AND WOMEN'S HOSPITAL) AND ADDED NEW COLLABORATIONS IN NEW YORK CITY (MEMORIAL SLOAN KETTERING CANCER CENTER), CINCINNATI (CHILDREN'S HOSPITAL MEDICAL CENTER), SEATTLE (CHILDREN'S HOSPITAL AND REGIONAL MEDICAL CENTER) AND STOCKHOLM, SWEDEN (KAROLINSKA UNIVERSITY HOSPITAL) THE INSTITUTE ALSO COLLABORATES WITH THE UNIVERSITY OF MISSOURI AT KANSAS CITY AND COLUMBIA, THE UNIVERSITY OF KANSAS MEDICAL CENTER, THE HOWARD HUGHES MEDICAL INSTITUTE, HARVARD UNIVERSITY, HARVARD MEDICAL SCHOOL, THE CASE SCHOOL OF MEDICINE, DUKE UNIVERSITY SCHOOL OF MEDICINE, JOHN HOPKINS UNIVERSITY, MAYO MEDICAL SCHOOL, THE NEW YORK SCHOOL OF MEDICINE, PENNSYLVANIA MEDICAL SCHOOL UNIVERSITIES OF EXETER AND PLYMOUTH, ST LOUIS UNIVERSITY SCHOOL OF MEDICINE, STANFORD UNIVERSITY, THE UNIVERSITY OF CALIFORNIA, LOS ANGELES AND SAN FRANCISCO, THE UNIVERSITY OF CINCINNATI COLLEGE OF MEDICINE, THE UNIVERSITY OF COLORADO AT BOULDER, THE UNIVERSITY OF COLORADO SCHOOL OF MEDICINE, THE UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL, THE UNIVERSITY OF NEBRASKA MEDICAL CENTER, THE UNIVERSITY OF PENNSYLVANIA, THE UNIVERSITY OF VIRGINIA MEDICAL SCHOOL, UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER, VANDERBILT UNIVERSITY SCHOOL OF MEDICINE AND WARWICK MEDICAL SCHOOL, MOST OF WHICH ARE ASSOCIATED WITH TEACHING AND RESEARCH HOSPITALS IN TOTAL, STOWERS RESEARCHERS SUCCESSFULLY COLLABORATED WITH COLLEAGUES AT 78 NATIONAL AND 63 INTERNATIONAL UNIVERSITIES AND RESEARCH INSTITUTES IN ADDITION TO THE INSTITUTIONS LISTED ABOVE, COLLABORATORS INCLUDE AFFYMETRIX, AGILENT TECHNOLOGIES, AMERICAN MUSEUM OF NATURAL HISTORY, ARIZONA STATE UNIVERSITY, BIOLOGICAL RESEARCH CENTER AT HUNGARIAN ACADEMY OF SCIENCES, BRIGHAM AND WOMEN'S HOSPITAL, BOSTON, CALIFORNIA ACADEMY OF SCIENCES, CAPITAL MEDICAL UNIVERSITY CHINA, CENTRO DE REGULACION GENOMICA, CHILD AND FAMILY RESEARCH INSTITUTE, CANADA, CHINESE ACADEMY OF SCIENCES, CNRS CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, COLD SPRING HARBOR LABORATORY, DALHOUSIE UNIVERSITY, NOVA SCOTIA, DANA-FARBER CANCER INSTITUTE, DOE JOINT GENOME INSTITUTE, EMORY UNIVERSITY, EUROPEAN BIOINFORMATICS INSTITUTE, EVOLVA BIOTECH A/S, FLANDERS INTERUNIVERSITY INSTITUTE FOR BIOTECHNOLOGY, HEBREW UNIVERSITY OF JERUSALEM, INDIANA UNIVERSITY, INDIANA UNIVERSITY SCHOOL OF MEDICINE INDIANAPOLIS, INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS, INSTITUT MUNICIPAL D'INVESTIGACIO MEDICA, INSTITUTE OF SYSTEM BIOLOGY, JACKSON LABORATORY, JILIN UNIVERSITY, JUSTUS LIEBIG UNIVERSITY, GIESSEN, KAROLINSKA INSTITUTET, KAROLINSKA UNIVERSITY HOSPITAL, KUMAMOTO UNIVERSITY, LAWRENCE BERKELEY NATIONAL LABORATORY, LEIBNIZ INSTITUT FUR PFLANZENBIOCHEMIE, LIFE TECHNOLOGIES, LINKPINGS UNIVERSITT, LUNDS UNIVERSITET, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, MAX PLANCK INSTITUTE OF MOLECULAR CELL BIOLOGY AND GENETICS, MCGILL UNIVERSITY, MONTANA STATE UNIVERSITY - BOZEMAN, NARA INSTITUTE OF SCIENCE AND TECHNOLOGY, NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION, NATIONAL INSTITUTES OF HEALTH, BETHESDA, NATIONAL UNIVERSITY OF SINGAPORE, NIJMEGEN CENTRE FOR MOLECULAR LIFE SCIENCES, NORTHWESTERN UNIVERSITY, OKLAHOMA MEDICAL RESEARCH FOUNDATION, OPEN UNIVERSITY, OREGON STATE UNIVERSITY, PEKING UNIVERSITY, PENNSYLVANIA STATE UNIVERSITY, PFIZER, ROCKEFELLER UNIVERSITY, SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE, SCRIPPS RESEARCH INSTITUTE, SEATTLE BIOMEDICAL RESEARCH INSTITUTE, SIMON FRASER UNIVERSITY, ST LOUIS UNIVERSITY, STONY BROOK UNIVERSITY STATE UNIVERSITY OF NEW YORK, SWISS INSTITUTE OF BIOINFORMATICS, TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY, THE UNIVERSITY OF BRITISH COLUMBIA, THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, TOHOKU UNIVERSITY, TOKYO METROPOLITAN UNIVERSITY, TSINGHUA UNIVERSITY, UNIVERSITY OF CALIFORNIA, BERKELEY, DAVIS, RIVERSIDE, SAN DIEGO AND SANTA CRUZ, UCL, UNIVERSIDADE DO PORTO, UNIVERSITÄT DEGLI STUDI DI NAPOLI FEDERICO II, UNIVERSITAT D'ALICANTE, UNIVERSITÄT FREIBURG IM BREISGAU, UNIVERSITÄT LAUSANNE SCHWEIZ, UNIVERSITÄT ROVIRA I VIRGIL, UNIVERSITÄT TüBINGEN, UNIVERSITÄT WIEN, UNIVERSITE CLAUDE BERNARD LYON, UNIVERSITÄT STRASBOURG, UNIVERSITÄT PARIS 7, UNIVERSITÄT PIERRE ET MARIE CURIE, UNIVERSITY MICHIGAN ANN ARBOR, UNIVERSITY OF ALABAMA AT BIRMINGHAM, UNIVERSITY OF ARIZONA, UNIVERSITY OF CALGARY, UNIVERSITY OF CHICAGO, UNIVERSITY OF CONNECTICUT HEALTH CENTER, UNIVERSITY OF DUNDEE, UNIVERSITY OF EDINBURGH, UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN, UNIVERSITY OF KENTUCKY, UNIVERSITY OF MANCHESTER, UNIVERSITY OF MISSOURI, UNIVERSITY OF NOTTINGHAM, UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER, UNIVERSITY OF OREGON, UNIVERSITY OF OXFORD, UNIVERSITY OF PENNSYLVANIA, UNIVERSITY OF PITTSBURGH, UNIVERSITY OF PITTSBURGH GRADUATE SCHOOL OF PUBLIC HEALTH, UNIVERSITY OF SCIENCE AND TECHNOLOGY OF CHINA, UNIVERSITY OF SOUTHERN CALIFORNIA, UNIVERSITY OF TORONTO, UNIVERSITY OF UTAH, UNIVERSITY OF WASHI</p>

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FORM 990, PART III, LINE 4 CONT	COOPERATION AGREEMENTS AND COLLABORATIONS	NGTON, UNIVERSITY OF WASHINGTON SEATTLE, UNIVERSITY OF WATERLOO, UNIVERZITA KARLOVA V PRAZ E, WASHINGTON UNIVERSITY , YONSEI UNIVERSITY, ZHEJIANG UNIVERSITY

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FORM 990, PART III, LINE 4 CONT	INDEPENDENT RESEARCH PROGRAM LEADERS	<p>LABORATORIES INDIVIDUAL SCIENTISTS AT THE STOWERS INSTITUTE SPECIALIZE IN THE STUDY OF ONE OR MORE PARTICULAR GENES, EACH OF WHICH MAY CAUSE OR HAVE INFLUENCE IN VARIOUS KINDS OF DISEASE. IN 2011, RENOWNED DEVELOPMENTAL BIOLOGIST TATJANA PIOTROWSKI, PH D , AND TRAILBLAZING REGENERATION EXPERT ALEJANDRO SNCHEZ ALVARADO, PH D JOINED THE FACULTY OF STOWERS INSTITUTE FOR MEDICAL RESEARCH. A COMPREHENSIVE LIST OF RESEARCH LEADERS FOLLOWS - ROBERT KRUMLAUF, PH D , SCIENTIFIC DIRECTOR AND INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2000 FROM ENGLAND'S NATIONAL INSTITUTE FOR MEDICAL RESEARCH, THE RIDGEWAY, MILL HILL, LONDON, WHERE HE WAS HEAD OF THE DIVISION OF DEVELOPMENTAL NEUROBIOLOGY. DR. KRUMLAUF RECEIVED A PH D IN DEVELOPMENTAL BIOLOGY FROM OHIO STATE UNIVERSITY. RESEARCH FOCUS: ANALYSIS OF MOLECULAR PATHWAYS THAT REGULATE HOW THE MAMMALIAN HEAD, BRAIN AND NERVOUS SYSTEM ARE BUILT, USING A VARIETY OF VERTEBRATE MODEL SYSTEMS - 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 BIOCHEMISTRY AND MOLECULAR BIOLOGY FROM THE ROCKEFELLER UNIVERSITY AND COMPLETED POSTDOCTORAL TRAINING IN THE DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY AT HARVARD UNIVERSITY UNDER THE DIRECTION OF PROFESSOR TOM MANIATIS. RESEARCH FOCUS: MOLECULAR GENETICS OF CELL FATE SPECIFICATION AND DIFFERENTIATION IN DROSOPHILA, USING THE EMBRYONIC DEVELOPMENT OF THE MUSCULATURE AS A MODEL SYSTEM - PETER BAUMANN, PH D , ASSOCIATE INVESTIGATOR AND HOWARD HUGHES MEDICAL INSTITUTE EARLY CAREER SCIENTIST, JOINED THE STOWERS INSTITUTE IN 2002 AFTER COMPLETING A HOWARD HUGHES MEDICAL INSTITUTE POSTDOCTORAL FELLOWSHIP IN THE LABORATORY OF DR. THOMAS R. CECH AT THE UNIVERSITY OF COLORADO-Boulder. DR. BAUMANN RECEIVED A PH D IN BIOCHEMISTRY FROM THE IMPERIAL CANCER RESEARCH FUND AND UNIVERSITY COLLEGE, LONDON. RESEARCH FOCUS: FUNCTIONAL ANALYSIS OF TELOMERES AND THEIR ROLES IN CELLULAR IMMORTALITY AND CANCER - MARCO BLANCHETTE, PH D , ASSISTANT INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2006 FROM A POSTDOCTORAL POSITION WITH DR. DONALD C. RIO AT THE UNIVERSITY OF CALIFORNIA-BERKELEY WHERE HE WAS RECIPIENT OF A HUMAN FRONTIER LONG-TERM FELLOWSHIP. DR. BLANCHETTE RECEIVED A PH D DEGREE IN MICROBIOLOGY FROM THE UNIVERSITE SHERBROOKE, CANADA. RESEARCH FOCUS: FUNCTIONAL GENOMIC ANALYSIS OF THE MECHANISMS CONTROLLING ALTERNATIVE PRE-MRNA SPLICING - JOAN CONAWAY, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2001 FROM THE OKLAHOMA MEDICAL RESEARCH FOUNDATION WHERE SHE WAS AN ASSOCIATE INVESTIGATOR OF THE HOWARD HUGHES MEDICAL INSTITUTE AND INTERIM HEAD OF THE PROGRAM IN MOLECULAR AND CELL BIOLOGY. DR. CONAWAY RECEIVED HER DOCTORATE IN CELL BIOLOGY FROM STANFORD UNIVERSITY SCHOOL OF MEDICINE. RESEARCH FOCUS: ANALYSIS OF THE MOLECULAR MECHANISM AND REGULATION OF GENE TRANSCRIPTION - RONALD CONAWAY, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2001 FROM THE OKLAHOMA MEDICAL RESEARCH FOUNDATION WHERE HE WAS HOLDER OF THE CHAPMAN CHAIR IN MEDICAL RESEARCH. DR. CONAWAY RECEIVED HIS PH D IN BIOCHEMISTRY FROM STANFORD UNIVERSITY SCHOOL OF MEDICINE. RESEARCH FOCUS: ANALYSIS OF THE MOLECULAR MECHANISM AND REGULATION OF GENE TRANSCRIPTION - JENNIFER GERTON, PH D , ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2002 FROM A POSTDOCTORAL FELLOWSHIP IN THE LABORATORY OF DR. JOSEPH DERISI IN THE DEPARTMENT OF BIOCHEMISTRY AND BIOPHYSICS AT THE UNIVERSITY OF CALIFORNIA-SAN FRANCISCO. DR. GERTON RECEIVED A PH D IN MICROBIOLOGY AND IMMUNOLOGY FROM STANFORD UNIVERSITY. RESEARCH FOCUS: GENOMIC AND GENETIC ANALYSIS OF CHROMOSOME SEGREGATION AND CHROMOSOME DYNAMICS - MATTHEW GIBSON, PH D , ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2006 FROM A JANE COFFIN CHILDS MEMORIAL FUND POSTDOCTORAL FELLOWSHIP WITH DR. NORBERT PERRIMON AT HARVARD MEDICAL SCHOOL. DR. GIBSON RECEIVED A PH D IN ZOOLOGY FROM THE UNIVERSITY OF WASHINGTON. RESEARCH FOCUS: GENETIC ANALYSIS OF MECHANISMS CONTROLLING SIGNAL TRANSDUCTION, CELL PROLIFERATION, AND EPITHELIAL MORPHOGENESIS DURING DROSOPHILA DEVELOPMENT - R. SCOTT HAWLEY, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2001 FROM THE UNIVERSITY OF CALIFORNIA-DAVIS WHERE HE WAS A PROFESSOR OF GENETICS IN THE MOLECULAR AND CELLULAR BIOLOGY SECTION. DR. HAWLEY EARNED A PH D IN GENETICS FROM THE UNIVERSITY OF WASHINGTON AND COMPLETED POSTDOCTORAL TRAINING AS A HELEN HAY WHITNEY FELLOW AT THE INSTITUTE FOR CANCER RESEARCH IN PHILADELPHIA. RESEARCH FOCUS: INVESTIGATION OF MECHANISMS THAT INFLUENCE HOW CHROMOSOMES PAIR AND SEGREGATE DURING MEIOSIS USING DROSOPHILA AS AN EXPERIMENTAL SYSTEM - SUE JASPERSEN, PH D , ASSISTANT INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2005 FROM THE LABORATORY OF DR. MARK WINEY AT THE UNIVERSITY OF COLORADO-Boulder WHERE SHE WAS A KECK FOUNDATION FELLOW, A HELEN HAY WHITNEY FELLOW, AND THE RECIPIENT OF A LEUKEMIA &amp; LYMPHO</p>

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FORM 990, PART III, LINE 4 CONT	INDEPENDENT RESEARCH PROGRAM LEADERS	MA SOCIETY CAREER DEVELOPMENT AWARD DR JASPERSEN HOLDS A PH D IN BIOCHEMISTRY FROM THE UNIVERSITY OF CALIFORNIA-SAN FRANCISCO RESEARCH FOCUS INNER NUCLEAR MEMBRANE PROTEIN LOC ALIZATION AND ROLE IN CHROMOSOME POSITIONING AND SEGREGATION - LINHENG LI, PH D , INVESTIG A TOR, JOINED THE STOWERS INSTITUTE IN 2000 FROM THE UNIVERSITY OF WASHINGTON MEDICAL CENTE R WHERE HE HELD A FACULTY APPOINTMENT AFTER COMPLETING POSTDOCTORAL TRAINING IN THE LABORA TORY DIRECTED BY DR LEROY HOOD DR LI EARNED HIS PH D IN MOLECULAR AND CELLULAR BIOLOGY FROM NEW YORK UNIVERSITY MEDICAL SCHOOL UNDER THE MENTORING OF DR EDWARD ZIFF RESEARCH FOCUS INVESTIGATION OF MOLECULAR AND GENETIC PATHWAYS CONTROLLING ADULT STEM CELL DEVELOP MENT IN THE HEMATOPOIETIC AND INTESTINAL SYSTEMS USING TRANSGENIC AND GENE TARGETING ANIMA L MODEL APPROACHES

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FORM 990, PART III, LINE 4 CONT		<p>- RONG LI, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2005 FROM THE DEPARTMENT O F CELL BIOLOGY AT HARVARD MEDICAL SCHOOL WHERE SHE SERVED AS AN ASSOCIATE PROFESSOR SHE E ARNED A PH D IN CELL BIOLOGY AT THE UNIVERSITY OF CALIFORNIA-SAN FRANCISCO WITH DR ANDRE W MURRAY AND HELD A DAMON RUNYON-WALTER WINCHELL CANCER RESEARCH FELLOWSHIP AS A POSTDOCTO RAL ASSOCIATE WITH DR DAVID DRUBIN AT THE UNIVERSITY OF CALIFORNIA-BERKELEY RESEARCH FOC US MECHANISM OF CELL POLARIZATION AND CELL MOTILITY, GENOME DYNAMICS AND CELLULAR EVOLVAB ILITY, AND EPITHELIAL TISSUE MORPHOGENESIS - HO YI MAK, PH D , ASSISTANT INVESTIGATOR, JOI NED THE STOWERS INSTITUTE IN 2006 FROM A HUMAN FRONTIER SCIENCE PROGRAM POSTDOCTORAL FELLO WSHIP IN THE LABORATORY OF DR GARY RUVKUN AT HARVARD MEDICAL SCHOOL DR MAK RECEIVED A PH D IN MOLECULAR PATHOLOGY FROM THE IMPERIAL CANCER RESEARCH FUND AND UNIVERSITY COLLEGE, LONDON RESEARCH FOCUS ANALYSIS OF MOLECULAR PATHWAYS THAT REGULATE CELLULAR FAT STORAGE IN RESPONSE TO NUTRIENT AVAILABILITY AND LIPID METABOLISM - TATJANA PIOTROWSKI, PH D ASS OCiate INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2011 FROM THE UNIVERSITY OF UTAH'S SC HOOL OF MEDICINE, WHERE SHE WAS AN ASSOCIATE PROFESSOR IN THE DEPARTMENT OF NEUROBIOLOGY A ND 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 R ESEARCH 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 &amp; 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 A NIMAL REGENERATION USING THE PLANARIAN SCHMIDTEA MEDITERRANEA AS A MODEL SY STEM - ALI SHIL ATIFARD, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2007 FROM THE SAINT LOUIS UN IVERSITY SCHOOL OF MEDICINE WHERE HE WAS A PROFESSOR OF BIOCHEMISTRY AND ASSOCIATE DIRECTO R 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 SCHOO L OF MEDICINE AND COMPLETED POSTDOCTORAL TRAINING AS A JANE COFFIN CHILDS FELLOW AT THE OK LAHOMA MEDICAL RESEARCH FOUNDATION RESEARCH FOCUS MOLECULAR PATHWAY OF LEUKEMOGENESIS - KAUSIK SI, PH D , ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2005 FROM THE LA BORATORY OF DR ERIC KANDEL AT COLUMBIA UNIVERSITY CENTER FOR NEUROBIOLOGY AND BEHAVIOR WH ERE 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 RESEARC H FOCUS ROLE OF SYNAPTIC PROTEIN SYNTHESIS IN INFORMATION ACQUISITION AND MEMORY STORAGE - PAUL TRAINOR, PH D , ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2001 FROM A RESEARCH POSITION AT THE NATIONAL INSTITUTE FOR MEDICAL RESEARCH AT MILL HILL, LONDON, WH ERE HE COMPLETED POSTDOCTORAL TRAINING DR TRAINOR HAS A PH D IN DEVELOPMENTAL BIOLOGY F ROM 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 R EGULATION DURING NORMAL DEVELOPMENT TO REVEAL PATHWAYS THAT REGULATE NORMAL CRANIAL AND FA CIAL DEVELOPMENT - JERRY WORKMAN, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 200 3 FROM THE PENNSYLVANIA STATE UNIVERSITY WHERE HE HELD THE PAUL BERG PROFESSORSHIP OF BIOC HEMISTRY AND WAS AN ASSOCIATE INVESTIGATOR OF THE HOWARD HUGHES MEDICAL INSTITUTE DR WOR KMAN 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 FO CUS STUDY OF THE PROTEIN COMPLEXES THAT MODIFY CHROMATIN - TING XIE, PH D , INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2000 AFTER COMPLETING A HOWARD HUGHES MEDICAL INSTITUTE P OSTDOCTORAL FELLOWSHIP IN THE LABORATORY OF DR ALLAN C SPRADLING AT THE CARNEGIE INSTITU TION OF WASHINGTON DR XIE RECEIVED HIS PH D FROM THE JOINT GRADUATE PROGRAM IN MOLECULA R BIOLOGY AND BIOCHEMISTRY OF RUTGERS UNIVERSITY AND THE UNIVERSITY OF MEDICINE AND DENTIS TRY OF NEW JERSEY RESEARCH FOCUS GENETIC AND MOLECULAR ANALYSIS OF STEM CELLS AND GERM C ELL DEVELOPMENT IN DROSOPHILA AND MOUSE - C RON YU, PH D , ASSOCIATE INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2005 FROM THE LABORATORY OF DR RICHARD AXEL AT COLUMBIA UNIVER SITY CENTER FOR NEUROBIOLOGY AND BEHAVIOR WHERE HE HELD A NATIONAL INSTITUTES OF HEALTH MEN TORED RESEARCH SCIENTIST AWARD FROM THE NATIONAL I</p>

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FORM 990, PART III, LINE 4 CONT		NSTITUTE OF MENTAL HEALTH DR YU EARNED HIS PH D IN MOLECULAR, CELLULAR, AND BIOPHYSICAL STUDIES AT COLUMBIA UNIVERSITY RESEARCH FOCUS HOW OLFACTORY SENSORY INFORMATION IS DETE CTED, INTEGRATED, AND PROCESSED IN THE BRAIN TO INFLUENCE SPECIFIC INNATE BEHAVIORS - JULI A ZEITLINGER, PH D , ASSISTANT INVESTIGATOR, JOINED THE STOWERS INSTITUTE IN 2007 FROM THE LAB OF DR RICHARD YOUNG AT THE WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH AT MASSACHUSE TTS INSTITUTE OF TECHNOLOGY WHERE SHE WAS THE RECIPIENT OF A LONG-TERM POSTDOCTORAL FELLOW SHIP FROM THE HUMAN FRONTIER SCIENCE PROGRAM DR ZEITLINGER EARNED A PH D IN MOLECULAR B IOLOGY FROM THE EUROPEAN MOLECULAR BIOLOGY LABORATORY IN HEIDELBERG, GERMANY RESEARCH FOC US ANALY SIS OF THE GENE REGULATORY NETWORKS UNDERLYING CELLULAR DIFFERENTIATION

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4 CONT		TECHNOLOGY CENTERS - PAUL KULESA, PH D , DIRECTOR OF IMAGING, JOINED THE STOWERS INSTITUTE IN 2002 AFTER COMPLETING A BURROUGHS WELLCOME FUND POSTDOCTORAL FELLOWSHIP IN THE LABORATORY OF DR SCOTT E FRASER AT THE CALIFORNIA INSTITUTE OF TECHNOLOGY DR KULESA RECEIVED A PH D IN APPLIED MATHEMATICS UNDER DR J D MURRAY AT THE UNIVERSITY OF WASHINGTON RESEARCH FOCUS CELL MIGRATION IN DEVELOPMENT AND CANCER - ARCADY MUSHEGIAN, PH D , DIRECTOR OF BIOINFORMATICS RESEARCH, JOINED THE STOWERS INSTITUTE IN 2001 FROM AKKADIX CORPORATION IN SAN DIEGO WHERE HE LED THE BIOINFORMATICS PROGRAM DR MUSHEGIAN EARNED A DOCTORATE IN MOLECULAR BIOLOGY AT MOSCOW STATE UNIVERSITY AND RECEIVED TRAINING AT THE UNIVERSITY OF KENTUCKY , UNIVERSITY OF WASHINGTON, AND WITH DR EUGENE KOONIN AT THE NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION AT THE U S NATIONAL INSTITUTES OF HEALTH RESEARCH FOCUS COMPUTATIONAL ANALYSIS OF GENES AND PROTEINS - MICHAEL WASHBURN, PH D , DIRECTOR OF PROTEOMICS, JOINED THE STOWERS INSTITUTE IN 2003 FROM THE TORREY MESA RESEARCH INSTITUTE IN SAN DIEGO WHERE HE WAS A SENIOR STAFF SCIENTIST IN PROTEOMICS HE EARNED A PH D IN BIOCHEMISTRY AND ENVIRONMENTAL TOXICOLOGY FROM MICHIGAN STATE UNIVERSITY BEFORE COMPLETING A POSTDOCTORAL FELLOWSHIP WITH PROFESSOR JOHN YATES, III IN THE DEPARTMENT OF MOLECULAR BIOTECHNOLOGY AT THE UNIVERSITY OF WASHINGTON RESEARCH FOCUS QUANTITATIVE PROTEOMICS AND PROTEIN COMPLEX DYNAMICS



Identifier	Return Reference	Explanation
HOURS DEVOTED FOR RELATED ORGANIZATION	FORM 990 PART VII	NAME JAMES E. STOWERS JR. TITLE DIRECTOR HOURS 4

Identifier	Return Reference	Explanation
HOURS DEVOTED FOR RELATED ORGANIZATION	FORM 990 PART VII	NAME DAVID A WELTE TITLE DIRECTOR/SECRETARY HOURS 46

Identifier	Return Reference	Explanation
HOURS DEVOTED FOR RELATED ORGANIZATION	FORM 990 PART VII	NAME RODERICK L. STURGEON TITLE DIRECTOR HOURS 48

Identifier	Return Reference	Explanation
HOURS DEVOTED FOR RELATED ORGANIZATION	FORM 990 PART VII	NAME WILLIAM B NEAVES TITLE DIRECTOR/PRESIDENT EMERITUS HOURS 6

Identifier	Return Reference	Explanation
HOURS DEVOTED FOR RELATED ORGANIZATION	FORM 990 PART VII	NAME.DAVID M CHAO TITLE DIRECTOR/PRESIDENT/CEO HOURS 4

Identifier	Return Reference	Explanation
HOURS DEVOTED FOR RELATED ORGANIZATION	FORM 990 PART VII	NAME RICHARD W BROWN TITLE DIRECTOR/CHAIR HOURS 48

Identifier	Return Reference	Explanation
HOURS DEVOTED FOR RELATED ORGANIZATION	FORM 990 PART VII	NAME ROBERT E. KRUMLAUF TITLE SCIENTIFIC DIRECTOR HOURS 2

SCHEDULE R  
(Form 990)

Department of the Treasury  
Internal Revenue Service

Related Organizations and Unrelated Partnerships

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

OMB No 1545-0047

2011

Open to Public Inspection

Name of the organization  
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 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 organization	
						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		No
(5) THE GRADUATE SCHOOL OF SIMR  1000 EAST 50TH STREET  KANSAS CITY, MO 64110 27-4482762	EDUCATION	DE	501(C)(3)	2	SIMR	Yes	
(6) STOWERS POLICY INSTITUTE INC  1000 EAST 50TH STREET  KANSAS CITY, MO 64110 20-3270502	SEE PART VII	DE	501(C)(4)	N/A	SIMR	Yes	



Part III

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

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

Part IV

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

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end-of-year assets	(h) Percentage ownership
(1) BIOMED VALLEY DISCOVERIESINC 4520 MAIN ST SUITE 1650 KANSAS CITY, MO 64111 06-1646533	SEE PART VII	DE	BVC	C CORP	0	0	0 %

Part V

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

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

1

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

a

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

b

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

c

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

d

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

e

Loans or loan guarantees by related organization(s)

f

Sale of assets to related organization(s)

g

Purchase of assets from related organization(s)

h

Exchange of assets with related organization(s)

i

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

j

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

k

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

l

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

m

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

n

Sharing of paid employees with related organization(s)

o

Reimbursement paid to related organization(s) for expenses

p

Reimbursement paid by related organization(s) for expenses

q

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

r

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

Yes

No

1a

Yes

1b

No

1c

Yes

1d

No

1e

No

1f

No

1g

No

1h

No

1i

No

1j

Yes

1k

No

1l

No

1m

Yes

1n

Yes

1o

Yes

1p

Yes

1q

No

1r

No

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

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

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

[illegible]

**Part VII**   **Supplemental Information**

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

Identifier	Return Reference	Explanation
PART II, LINE 5, COLUMN B		STOWERS POLICY INSTITUTE INC ("SPI") IS AN ADVOCATE FOR A POLITICAL, ECONOMIC, AND SOCIAL ENVIRONMENT THAT ADVANCES AND PROTECTS BIOMEDICAL RESEARCH AND CURES PART IV, COLUMN B BIOMED VALLEY DISCOVERIES, INC 'S ("BVD") PRIMARY ACTIVITY IS DEVELOPMENT AND MARKETING OF SCIENTIFIC DISCOVERIES BIOMED VALLEY CORPORATION IS THE 100% SHAREHOLDER OF BVD
PART V, LINE 2 (1)		SIMR RECEIVES ROYALTY PAYMENTS FROM BVD PURSUANT TO A LICENSED TECHONOLOGY AGREEMENT DATED JANUARY 29, 2006 THESE ROYALTY PAYMENTS DO NOT CONSTITUTE GROSS INCOME DERIVED FROM AN UNRELATED TRADE OR BUSINESS UNDER SECTION 512(B)(13) THE ROYALTY PAYMENTS FROM BVD TO SIMR DO NOT REDUCE BVD'S TAXABLE INCOME, WHICH WOULD HAVE BEEN UNRELATED BUSINESS TAXABLE INCOME IF BVD WERE EXEMPT UNDER SECTION 501(C)(3) AND HAD THE SAME EXEMPT PURPOSES AS SIMR IN ADDITION, THE SPECIAL RULE UNDER 512(B)(13)(E) APPLIES
PART V, LINE 2 (2)		SIMR RECEIVED PAYMENTS FROM BVD IN RETURN FOR A TEMPORARY USE OF SPACE
PART V, LINE 2 (3)		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 (4)		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 (5)		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 (6)		IN MARCH 2009, SIMR ENTERED INTO A LEASE FOR A 280,000 SQUARE FEET BUILDING WITH STOWERS REAL ESTATE HOLDING CORPORATION ("SREHC"), A 501(C)(2) TAX EXEMPT ORGANIZATION THAT IS A RELATED PARTY OF SIMR SIMR'S LEASE PAYMENTS TO SREHC IN 2011 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 WAS REIMBURSED BY BVD FOR ADMINISTRATIVE AND LOW MARGIN COVERED SERVICES USING THE SERVICE COST METHOD
PART V, LINE 2 (9)		ALL OTHER TRANSACTIONS FOR LINE 1 WERE BETWEEN RELATED 501(C)(3) PUBLIC CHARITIES AND BELOW REPORTING THRESHOLDS

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

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

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

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

<b>(a)</b> Name of other organization		<b>(b)</b> Transaction type(a-r)	<b>(c)</b> Amount Involved (\$)	<b>(d)</b> Method of determining amount involved
<b>(1)</b>	BIOMED VALLEY DISCOVERIES INC	A	347,249	MARKET VALUE
<b>(2)</b>	BIOMED VALLEY DISCOVERIES INC	A	10,014	MARKET VALUE
<b>(3)</b>	STOWERS SCIENTIFIC EDUCATION INSTITUTE	C	164,411	COST REIMB
<b>(4)</b>	BIOMED VALLEY CORPORATION	C	56,319	MARKET VALUE
<b>(5)</b>	STOWERS RESOURCE MANAGEMENT INC	C	49,507,601	MARKET VALUE
<b>(6)</b>	STOWERS REAL ESTATE HOLDING CORP	J	2,230,551	MARKET VALUE
<b>(7)</b>	STOWERS RESOURCE MANAGEMENT INC	O	16,876,712	COST REIMB
<b>(8)</b>	BIOMED VALLEY DISCOVERIES INC	P	194,616	COST REIMB
<b>(9)</b>	SEE PART VII FOR ADDITIONAL INFORMATION			