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Form 990  Department of the Treasury Internal Revenue Service	Return of Organization Exempt From Income Tax Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except black lung benefit trust or private foundation) The organization may have to use a copy of this return to satisfy state reporting requirements	OMB No 1545-0047 2010 Open to Public Inspection
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A For the 2010 calendar year, or tax year beginning 01-01-2010 and ending 12-31-2010		
B Check if applicable <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	C Name of organization Stowers Institute for Medical Research	D Employer identification number 20-2993509
	Doing Business As	E Telephone number (816) 926-4000
	Number and street (or P O box if mail is not delivered to street address) 1000 East 50th Street	Room/suite
	City or town, state or country, and ZIP + 4 Kansas City, MO 64110	
	F Name and address of principal officer DAVID M CHAO	
		H(a) Is this a group return for affiliates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No H(b) Are all affiliates included? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list (see instructions) H(c) Group exemption number ▶
I Tax-exempt status <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) () ◀(Insert no) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527		
J Website: ▶ n/a		
K Form of organization <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other ▶		L Year of formation 2005
		M State of legal domicile DE

Part I	Summary		
Activities & Governance	1 Briefly describe the organization’s mission or most significant activities STOWERS INSTITUTE FOR MEDICAL RESEARCH ("SIMR")EXEMPT PURPOSE IS TO PERFORM MEDICAL RESEARCH IN THE PUBLIC INTEREST WITH THE GOAL OF EXPANDING OUR UNDERSTANDING OF FUNDAMENTAL PROCESSES OF LIVING CELLS		
	2 Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets		
	3 Number of voting members of the governing body (Part VI, line 1a)	3	7
	4 Number of independent voting members of the governing body (Part VI, line 1b)	4	0
	5 Total number of individuals employed in calendar year 2010 (Part V, line 2a)	5	371
	6 Total number of volunteers (estimate if necessary)	6	0
	7a	0	
	7b	0	
Revenue	8 Contributions and grants (Part VIII, line 1h)	Prior Year	Current Year
	9 Program service revenue (Part VIII, line 2g)	6,592,984	8,065,484
	10 Investment income (Part VIII, column (A), lines 3, 4, and 7d)	224,514	73,404
	11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	3,834,033	2,874,441
	12 Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)	165,218	3,391,202
		10,816,749	14,404,531
Expenses	13 Grants and similar amounts paid (Part IX, column (A), lines 1–3)	1,326,774	1,372,750
	14 Benefits paid to or for members (Part IX, column (A), line 4)	0	0
	15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5–10)	26,222,758	26,301,376
	16a Professional fundraising fees (Part IX, column (A), line 11e)	0	0
	b Total fundraising expenses (Part IX, column (D), line 25) ▶ ⁰		
	17 Other expenses (Part IX, column (A), lines 11a–11d, 11f–24f)	44,810,589	45,019,071
	18 Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)	72,360,121	72,693,197
	19 Revenue less expenses Subtract line 18 from line 12	-61,543,372	-58,288,666
Net Assets or Fund Balances		Beginning of Current Year	End of Year
	20 Total assets (Part X, line 16)	565,779,280	496,643,745
	21 Total liabilities (Part X, line 26)	227,504,627	217,464,815
	22 Net assets or fund balances Subtract line 21 from line 20	338,274,653	279,178,930

Part II

Signature Block

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

Sign Here		*****	2011-08-04		
		Signature of officer	Date		
Paid Preparer Use Only		david m chao director/president			
		Type or print name and title			
	Print/Type preparer's name	Preparer's signature	Date	Check if self-employed <input type="checkbox"/>	PTIN
	Firm's name ▶ KPMG LLP				Firm's EIN ▶
	Firm's address ▶ 191 West Nationwide Blvd Ste 500				Phone no ▶ (614) 249-2300
	Columbus, OH 432152568				

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

Part III

Statement of Program Service Accomplishments

Check if Schedule O contains a response to any question in this Part III ☐ Yes ☒ No

1

Briefly describe the organization's mission

SEE SCHEDULE O

2

Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? ☐ Yes ☒ No

If "Yes," describe these new services on Schedule O

3

Did the organization cease conducting, or make significant changes in how it conducts, any program services? ☐ Yes ☒ No

If "Yes," describe these changes on Schedule O

4

Describe the exempt purpose achievements for each of the organization's three largest program services 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 \$ 65,491,638 including grants of \$ 1,372,750) (Revenue \$)

SIMR'S ACCOMPLISHMENTS ARE DESCRIBED AT THE END OF 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 \$ 65,491,638

Part IV

Checklist of Required Schedules

		Yes	No
1	Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? <i>If "Yes," complete Schedule A.</i> 	1	Yes
2	Is the organization required to complete Schedule B, Schedule of Contributors (see instruction)? 	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? <i>If "Yes," complete Schedule C, Part I.</i>	3	No
4	Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? <i>If "Yes," complete Schedule C, Part II.</i>	4	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? <i>If "Yes," complete Schedule C, Part III.</i>	5	
6	Did the organization maintain any donor advised funds or any similar funds or accounts where donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? <i>If "Yes," complete Schedule D, Part I.</i> 	6	No
7	Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas or historic structures? <i>If "Yes," complete Schedule D, Part II.</i> 	7	No
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III.</i> 	8	No
9	Did the organization report an amount in Part X, line 21, serve as a custodian for amounts not listed in Part X, or provide credit counseling, debt management, credit repair, or debt negotiation services? <i>If "Yes," complete Schedule D, Part IV.</i> 	9	No
10	Did the organization, directly or through a related organization, hold assets in term, permanent, or quasi-endowments? <i>If "Yes," complete Schedule D, Part V.</i> 	10	No
11	If the organization's answer to any of the following questions is 'Yes,' then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable		
a	Did the organization report an amount for land, buildings, and equipment in Part X, line 10? <i>If "Yes," complete Schedule D, Part VI.</i> 	11a	Yes
b	Did the organization report an amount for investments—other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VII.</i> 	11b	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? <i>If "Yes," complete Schedule D, Part VIII.</i> 	11c	No
d	Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part IX.</i> 	11d	Yes
e	Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X.</i> 	11e	Yes
f	Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? <i>If "Yes," complete Schedule D, Part X.</i> 	11f	Yes
12a	Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI, XII, and XIII.</i> 	12a	No
b	Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If "Yes," and if the organization answered 'No' to line 12a, then completing Schedule D, Parts XI, XII, and XIII is optional.</i> 	12b	Yes
13	Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E.</i>	13	No
14a	Did the organization maintain an office, employees, or agents outside of the United States?	14a	No
b	Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, and program service activities outside the United States? <i>If "Yes," complete Schedule F, Parts I and IV.</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 ? <i>If "Yes," complete Schedule F, Parts II and IV.</i>	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 ? <i>If "Yes," complete Schedule F, Parts III and IV.</i>	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? <i>If "Yes," complete Schedule G, Part I (see instructions).</i>	17	No
18	Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? <i>If "Yes," complete Schedule G, Part II.</i>	18	No
19	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III.</i>	19	No
20a	Did the organization operate one or more hospitals? <i>If "Yes," complete Schedule H.</i>	20a	No
b	If "Yes" to line 20a, did the organization attach its audited financial statement to this return? Note. Some Form 990 filers that operate one or more hospitals must attach audited financial statements (see instructions).	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 lines 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	Section 501(c)(3) and 501(c)(4) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>	25a		No
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>	25b		No
26	Was a loan to or by a current or former officer, director, trustee, key employee, highly compensated employee, or disqualified person outstanding as of the end of the organization's tax year? <i>If "Yes," complete Schedule L, Part II</i>	26		No
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor, or a grant selection committee member, or to a person related to such an individual? <i>If "Yes," complete Schedule L, Part III</i>	27		No
28	Was the organization a party to a business transaction with one of the following parties? (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions)			
a	A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28a		No
b	A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28b	Yes	
c	An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV</i>	28c	Yes	
29	Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	29	Yes	
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i>	30		No
31	Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>	31		No
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i>	32		No
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i>	33		No
34	Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Parts II, III, IV, and V, line 1</i>	34	Yes	
35	Is any related organization a controlled entity within the meaning of section 512(b)(13)?	35	Yes	
a	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>			
36	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>	36		No
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i>	37		No
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11 and 19? Note. All Form 990 filers are required to complete Schedule O	38	Yes	

Part V

Statements Regarding Other IRS Filings and Tax Compliance

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

☐

			Yes	No	
1a	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable.	1a	25		
		1b	0		
c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	1c	Yes		
2a	Enter the number of employees reported on Form W-3, <i>Transmittal of Wage and Tax Statements</i> filed for the calendar year ending with or within the year covered by this return.	2a	371		
	2b If at least one is reported on line 2a, did the organization file all required federal employment tax returns?				
Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions).					
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year?	3a			No
b	If "Yes," has it filed a Form 990-T for this year? If "No," provide an explanation in Schedule O.	3b			
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)?	4a			No
	b If "Yes," enter the name of the foreign country: See instructions for filing requirements for Form TD F 90-22.1, Report of Foreign Bank and Financial Accounts.				
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?	5a			No
b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?	5b			No
c	If "Yes" to line 5a or 5b, did the organization file Form 8886-T?	5c			
6a	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible?	6a			No
b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?	6b			
7 Organizations that may receive deductible contributions under section 170(c).					
a	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?	7a			No
b	If "Yes," did the organization notify the donor of the value of the goods or services provided?	7b			
c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	7c			No
d	If "Yes," indicate the number of Forms 8282 filed during the year.	7d			
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	7e			No
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	7f			No
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?	7g			
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?	7h			
8	Sponsoring organizations maintaining donor advised funds and section 509(a)(3) supporting organizations. Did the supporting organization, or a donor advised fund maintained by a sponsoring organization, have excess business holdings at any time during the year?				
9 Sponsoring organizations maintaining donor advised funds.					
a	Did the organization make any taxable distributions under section 4966?	9a			
b	Did the organization make a distribution to a donor, donor advisor, or related person?	9b			
10 Section 501(c)(7) organizations. Enter					
a	Initiation fees and capital contributions included on Part VIII, line 12.	10a			
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities.	10b			
11 Section 501(c)(12) organizations. Enter					
a	Gross income from members or shareholders.	11a			
b	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them).	11b			
12a	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?				
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year.	12b			
13 Section 501(c)(29) qualified nonprofit health insurance issuers.					
a	Is the organization licensed to issue qualified health plans in more than one state? Note. See the instructions for additional information the organization must report on Schedule O.	13a			
b	Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans.	13b			
c	Enter the amount of reserves on hand.	13c			
14a	Did the organization receive any payments for indoor tanning services during the tax year?	14a			No
b	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O.	14b			

Part VI

Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No" response to lines 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.
Check if Schedule O contains a response 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	1a 7		
b	Enter the number of voting members included in line 1a, above, who are independent	1b 0		
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?	2	Yes	
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors or trustees, or key employees to a management company or other person?	3		No
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4		No
5	Did the organization become aware during the year of a significant diversion of the organization's assets?	5		No
6	Does the organization have members or stockholders?	6		No
7a	Does the organization have members, stockholders, or other persons who may elect one or more members of the governing body?	7a		No
b	Are any decisions of the governing body subject to approval by members, stockholders, or other persons?	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	Does the organization have local chapters, branches, or affiliates?	10a		No
b	If "Yes," does the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with those of the organization?	10b		
11a	Has the organization provided a copy of this Form 990 to all members of its governing body before filing the form?	11a	Yes	
b	Describe in Schedule O the process, if any, used by the organization to review this Form 990			
12a	Does the organization have a written conflict of interest policy? If "No," go to line 13	12a	Yes	
b	Are officers, directors or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12b	Yes	
c	Does the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this is done	12c	Yes	
13	Does the organization have a written whistleblower policy?	13	Yes	
14	Does 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," has the organization adopted a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and taken 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 MA
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 make 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 makes 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, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations
 - List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations

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

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

(A) Name and Title	(B) Average hours per week (describe hours for related organizations in Schedule O)	(C) Position (check all that apply)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(1) JAMES ESTOWERS JR Director	2 0	X						0	0	0
(2) VIRGINIA G STOWERS DIRECTOR	2 0	X						0	0	0
(3) DAVID AWELTE DIRECTOR/SECRETARY See Sch O	2 0	X		X				0	916,036	50,427
(4) RODERICK L STURGEON DIRECTOR - SEE SCHEDULE O	40 0	X						0	1,101,744	47,410
(5) WILLIAM B NEAVES - SEE SCH O DIRECTOR/PRESIDENT EMERITUS	40 0	X		X				701,921	0	47,158
(6) DAVID M CHAO DIRECTOR/PRESIDENT/CEO - Sch O	40 0	X		X				968,238	0	38,170
(7) RICHARD W BROWN Director/CHAIR - see sch o	2 0	X		X				0	1,645,887	47,410
(8) ROBERT E KRUMLAUF - SEE SCH O SCIENTIFIC DIRECTOR	40 0				X			438,572	0	50,679
(9) RONALD C CONAWAY INVESTIGATOR	40 0					X		240,811	0	40,826
(10) JOAN W CONAWAY INVESTIGATOR	40 0					X		238,961	0	46,574
(11) JERRY L WORKMAN INVESTIGATOR	40 0					X		235,814	0	41,896
(12) R SCOTT HAWLEY INVESTIGATOR	40 0					X		241,854	0	49,012
(13) RONG LI INVESTIGATOR	40 0					X		226,035	0	48,695

Part VII

1b	Sub-Total			
c	Total from continuation sheets to Part VII, Section A			
d	Total (add lines 1b and 1c)	3,292,206	3,663,667	508,257

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 in reportable compensation from the organization ▶ 30

		Yes	No
3	Did the organization list any former officer, director or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i>	3	No
4	For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If "Yes," complete Schedule J for such individual</i>	4	Yes
5	Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? <i>If "Yes," complete Schedule J for such person</i>	5	No

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization

(A) Name and business address	(B) Description of services	(C) Compensation

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 in compensation from the organization ►0

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			198,091			
	e Government grants (contributions) 1e			6,568,930			
	f All other contributions, gifts, grants, and similar amounts not included above 1f			1,298,463			
	g Noncash contributions included in lines 1a-1f \$			62,027			
	h Total. Add lines 1a-1f ▶			8,065,484			
	Program Service Revenue				Business Code		
2a COLLABORATION FEE FROM HHMI,501(C)(3)			900099	73,404	73,404		
b							
c							
d							
e							
f All other program service revenue							
g Total. Add lines 2a-2f ▶			73,404				
Other Revenue	3 Investment income (including dividends, interest and other similar amounts) ▶				1,670,077		1,670,077
	4 Income from investment of tax-exempt bond proceeds . . ▶				0		
	5 Royalties ▶				0		
				(i) Real	(ii) Personal		
	6a Gross Rents			3,529,477			
	b Less rental expenses			241,909			
	c Rental income or (loss)			3,287,568			
	d Net rental income or (loss) ▶					0	3,287,568
				(i) Securities	(ii) Other		
	7a Gross amount from sales of assets other than inventory			81,084,387	171,808		
	b Less cost or other basis and sales expenses			79,798,438	253,393		
	c Gain or (loss)			1,285,949	-81,585		
	d Net gain or (loss) ▶						
	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	54,996		54,996	
b OTHER REBATES & REVENUE			900099	48,638		48,638	
c							
d All other revenue							
e Total. Add lines 11a-11d ▶				103,634			
12 Total revenue. See Instructions ▶				14,404,531	73,404	0	6,265,643

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).

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 U S See Part IV, line 21	0			
2	Grants and other assistance to individuals in the U S See Part IV, line 22	1,372,750	1,372,750		
3	Grants and other assistance to governments, organizations, and individuals outside the U S 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	2,108,731	1,897,858	210,873	
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	17,524,787	15,772,308	1,752,479	
8	Pension plan contributions (include section 401(k) and section 403(b) employer contributions)	2,521,621	2,269,459	252,162	
9	Other employee benefits	2,895,379	2,605,841	289,538	
10	Payroll taxes	1,250,858	1,125,772	125,086	
a	Fees for services (non-employees)				
	Management	0			
b	Legal	67,048		67,048	
c	Accounting	10,200		10,200	
d	Lobbying	0			
e	Professional fundraising services See Part IV, line 17	0			
f	Investment management fees	0			
g	Other	1,230,591	1,107,532	123,059	
12	Advertising and promotion	0			
13	Office expenses	253,218	227,896	25,322	
14	Information technology	328,843	295,969	32,874	
15	Royalties	-9,218	-8,296	-922	
16	Occupancy	2,136,596	1,922,936	213,660	
17	Travel	544,396	489,956	54,440	
18	Payments of travel or entertainment expenses for any federal, state, or local public officials	0			
19	Conferences, conventions, and meetings	738,627	664,764	73,863	
20	Interest	0			
21	Payments to affiliates	0			
22	Depreciation, depletion, and amortization	14,255,082	12,829,574	1,425,508	
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 WITH RELATED ORG	17,808,356	16,027,520	1,780,836	
b	LAB SUPPLIES	6,401,805	5,761,625	640,180	
c	NON-CAPITAL EQUIPMENT	674,078	606,670	67,408	
d	SCIENTIFIC CONSULTING	225,771	203,194	22,577	
e	COLLABORATION EXPENSE	135,829	122,246	13,583	
f	All other expenses	217,849	196,064	21,785	
25	Total functional expenses. Add lines 1 through 24f	72,693,197	65,491,638	7,201,559	0
26	Joint costs. Check here <input checked="" 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			3,699,012	1	2,178,335
	2	Savings and temporary cash investments				2	
	3	Pledges and grants receivable, net			720,639	3	804,237
	4	Accounts receivable, net				4	
	5	Receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L				5	
	6	Receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers, and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions) Schedule L				6	
	7	Notes and loans receivable, net				7	
	8	Inventories for sale or use			398,012	8	349,600
	9	Prepaid expenses and deferred charges			553,403	9	631,357
	10a	Land, buildings, and equipment—cost or other basis. Complete Part VI of Schedule D.	10a	309,180,895			
	b	Less: accumulated depreciation	10b	119,912,525	202,127,907	10c	189,268,370
	11	Investments—publicly traded securities			136,133,751	11	91,175,334
	12	Investments—other securities. See Part IV, line 11				12	
	13	Investments—program-related. See Part IV, line 11				13	
	14	Intangible assets				14	
	15	Other assets. See Part IV, line 11			222,146,556	15	212,236,512
16	Total assets. Add lines 1 through 15 (must equal line 34)			565,779,280	16	496,643,745	
Liabilities	17	Accounts payable and accrued expenses			7,131,445	17	6,316,670
	18	Grants payable				18	
	19	Deferred revenue				19	
	20	Tax-exempt bond liabilities				20	
	21	Escrow or custodial account liability. Complete Part IV of Schedule D				21	
	22	Payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L				22	
	23	Secured mortgages and notes payable to unrelated third parties				23	
	24	Unsecured notes and loans payable to unrelated third parties				24	
	25	Other liabilities. Complete Part X of Schedule D			220,373,182	25	211,148,145
	26	Total liabilities. Add lines 17 through 25			227,504,627	26	217,464,815
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			338,274,653	27	279,178,930
	28	Temporarily restricted net assets				28	
	29	Permanently restricted net assets				29	
	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			338,274,653	33	279,178,930
34	Total liabilities and net assets/fund balances			565,779,280	34	496,643,745	

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	14,404,531
2	Total expenses (must equal Part IX, column (A), line 25)	2	72,693,197
3	Revenue less expenses Subtract line 2 from line 1	3	-58,288,666
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	338,274,653
5	Other changes in net assets or fund balances (explain in Schedule O)	5	-807,057
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	279,178,930

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.

OMB No 1545-0047

2010

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)

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

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

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

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

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)

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

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)

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

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)

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

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

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)

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

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?

11g(i)

☐

☐

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

11g(ii)

☐

☐

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

11g(iii)

☐

☐

Provide the following information about the supported organization(s)

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

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

Cat No 11285F

Schedule A (Form 990 or 990-EZ) 2010

Part II

Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)

(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support						
Calendar year (or fiscal year beginning in) ▶	(a) 2006	(b) 2007	(c) 2008	(d) 2009	(e) 2010	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")						
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3						
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						
6 Public Support. Subtract line 5 from line 4						

Section B. Total Support						
Calendar year (or fiscal year beginning in) ▶	(a) 2006	(b) 2007	(c) 2008	(d) 2009	(e) 2010	(f) Total
7 Amounts from line 4						
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income Do not include gain or loss from the sale of capital assets (Explain in Part IV)						
11 Total support (Add lines 7 through 10)						
12 Gross receipts from related activities, etc (See instructions)					12	
13 First Five Years If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a 501(c)(3) organization, check this box and stop here ▶						

Section C. Computation of Public Support Percentage		
14 Public Support Percentage for 2010 (line 6 column (f) divided by line 11 column (f))	14	
15 Public Support Percentage for 2009 Schedule A, Part II, line 14	15	
16a 33 1/3% support test—2010. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ▶		
b 33 1/3% support test—2009. If the organization did not check the box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ▶		
17a 10%-facts-and-circumstances test—2010. If the organization did not check a box on line 13, 16a, or 16b and line 14 is 10% or more, and if the organization meets the "facts and circumstances" test, check this box and stop here. Explain in Part IV how the organization meets the "facts and circumstances" test The organization qualifies as a publicly supported organization ▶		
b 10%-facts-and-circumstances test—2009. If the organization did not check a box on line 13, 16a, 16b, or 17a and line 15 is 10% or more, and if the organization meets the "facts and circumstances" test, check this box and stop here. Explain in Part IV how the organization meets the "facts and circumstances" test The organization qualifies as a publicly supported organization ▶		
18 Private Foundation If the organization did not check a box on line 13, 16a, 16b, 17a or 17b, check this box and see instructions ▶		

Part IIIPart III

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

Section A. Public Support						
Calendar year (or fiscal year beginning in) 	(a) 2006	(b) 2007	(c) 2008	(d) 2009	(e) 2010	(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) 2006	(b) 2007	(c) 2008	(d) 2009	(e) 2010	(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 section 501(c)(3) organization, check this box and stop here 						

Section C. Computation of Public Support Percentage		
15 Public Support Percentage for 2010 (line 8 column (f) divided by line 13 column (f))	15	
16 Public support percentage from 2009 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage		
17 Investment income percentage for 2010 (line 10c column (f) divided by line 13 column (f))	17	
18 Investment income percentage from 2009 Schedule A, Part III, line 17	18	
19a 33 1/3% support tests—2010. If the organization did not check the box on line 14, and line 15 is more than 33 1/3% and line 17 is not more than 33 1/3%, check this box and stop here . The organization qualifies as a publicly supported organization 		
b 33 1/3% support tests—2009. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and stop here . The organization qualifies as a publicly supported organization 		
20 Private Foundation If the organization did not check a box on line 14, 19a or 19b, check this box and see instructions 		

Part IV

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

Facts And Circumstances Test

Explanation
CHILDREN'S MERCY HOSPITAL IN KANSAS CITY, MISSOURI AND THE MASSACHUSETTS GENERAL HOSPITAL IN BOSTON, MASSACHUSETTS

SCHEDULE D
(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

► Complete if the organization answered "Yes," to Form 990,
Part IV, line 6, 7, 8, 9, 10, 11, or 12.
► Attach to Form 990. ► See separate instructions.

OMB No 1545-0047

2010

Open to Public Inspection

Name of the organization Stowers Institute for Medical Research	Employer identification number 20-2993509
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Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts. Complete if the organization answered "Yes" to Form 990, Part IV, line 6.

	(a) Donor advised funds	(b) Funds and other accounts
1	Total number at end of year	
2	Aggregate contributions to (during year)	
3	Aggregate grants from (during year)	
4	Aggregate value at end of year	
5	Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control? <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div>	
6	Did the organization inform all grantees, donors, and donor advisors in writing that grant funds 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
2a	Total number of conservation easements
2b	Total acreage restricted by conservation easements
2c	Number of conservation easements on a certified historic structure included in (a)
2d	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) 2010

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

b

☐ Scholarly research

c

☐ Preservation for future generations

d

☐ Loan or exchange programs

e

☐ Other

4

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

3a(i)

3a(ii)

3b

	Yes	No

4

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

Part VI

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

Description of investment	(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		223,610,985	58,984,180	164,626,805
c Leasehold improvements				
d Equipment		82,167,263	60,928,345	21,238,918
e Other		2,647		2,647
Total. Add lines 1a-1e (Column (d) should equal Form 990, Part X, column (B), line 10(c).) ▶				189,268,370

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 - SUMMARY OF FIN 48 CONSOLIDATED FOOTNOTE AS IT APPLIES TO STOWERS INSTITUTE FOR MEDICAL RESEARCH - AN INTERPRETATION OF FASB STATEMENT NO. 109. THIS INTERPRETATION CLARIFIES THE ACCOUNTING FOR UNCERTAINTY IN INCOME TAXES RECOGNIZED IN AN ENTERPRISE'S FINANCIAL STATEMENTS IN ACCORDANCE WITH FASB STATEMENT NO. 109, ACCOUNTING FOR INCOME TAXES. THIS INTERPRETATION ALSO PRESCRIBES A RECOGNITION THRESHOLD AND MEASUREMENT ATTRIBUTE FOR THE FINANCIAL STATEMENT RECOGNITION AND MEASUREMENT OF A TAX POSITION TAKEN OR EXPECTED TO BE TAKEN IN A TAX RETURN. STOWERS INSTITUTE FOR MEDICAL RESEARCH IS A TAX-EXEMPT ENTITY AS DESCRIBED IN SECTION 501 (c)(3) OF THE CODE. THEREFORE, IT IS STOWERS INSTITUTE FOR MEDICAL RESEARCH'S TAX POSITION THAT THEY ARE EXEMPT FROM FEDERAL INCOME TAXES. STOWERS INSTITUTE FOR MEDICAL RESEARCH ADOPTED FIN 48 EFFECTIVE JANUARY 1, 2007 WITH NO IMPACT TO ITS FINANCIAL STATEMENTS.

Schedule I
(Form 990)

Department of the Treasury
Internal Revenue Service

Name of the organization
Stowers Institute for Medical Research

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

2010

Open to Public
Inspection

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. Part II can be duplicated if additional space is needed. ▶ ☐

1 (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

▶

3

Enter total number of other organizations

▶

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	72	1,372,750		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

2010

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
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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"/> Travel for companions		
<input checked="" type="checkbox"/> Tax idemnification and gross-up payments		
<input type="checkbox"/> Discretionary spending account		
<input type="checkbox"/> Housing allowance or residence for personal use		
<input type="checkbox"/> Payments for business use of personal residence		
<input checked="" type="checkbox"/> Health or social club dues or initiation fees		
<input type="checkbox"/> Personal services (e g , maid, chauffeur, chef)		
b If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all the expenses described above? If "No," complete Part III to explain	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?	Yes	
3 Indicate which, if any, of the following the organization uses to establish the compensation of the organization's CEO/Executive Director Check all that apply		
<input checked="" type="checkbox"/> Compensation committee		
<input checked="" type="checkbox"/> Independent compensation consultant		
<input type="checkbox"/> Form 990 of other organizations		
<input checked="" type="checkbox"/> Written employment contract		
<input checked="" type="checkbox"/> Compensation survey or study		
<input checked="" type="checkbox"/> Approval by the board or compensation committee		
4 During the year, did any person listed in Form 990, Part VII, Section A, line 1a with respect to the filing organization or a related organization		
a Receive a severance payment or change-of-control payment from the organization or a related organization?		No
b Participate in, or receive payment from, a supplemental nonqualified retirement plan?		No
c Participate in, or receive payment from, an equity-based compensation arrangement?		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?		No
b Any related organization?		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?		No
b Any related organization?		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		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		No
9 If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53 4958-6(c)?		

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

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

Note. The sum of columns (B)(i)-(iii) must equal the applicable column (D) or column (E) amounts on Form 990, Part VII, line 1a

(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 AWELTE	(i)	0	0	0	0	0	0	0
	(ii)	896,605	0	19,431	36,750	13,677	966,463	0
(2) RODERICK L STURGEON	(i)	0	0	0	0	0	0	0
	(ii)	1,059,859	0	41,885	36,750	10,660	1,149,154	0
(3) WILLIAM B NEAVES - SEE SCH O	(i)	676,394	0	25,527	36,750	10,408	749,079	0
	(ii)	0	0	0	0	0	0	0
(4) DAVID M CHAO	(i)	965,898	0	2,340	36,750	1,420	1,006,408	0
	(ii)	0	0	0	0	0	0	0
(5) ROBERT E KRUMLAUF - SEE SCH O	(i)	435,008	0	3,564	36,750	13,929	489,251	0
	(ii)	0	0	0	0	0	0	0
(6) RONALD C CONAWAY	(i)	239,625	0	1,186	35,944	4,882	281,637	0
	(ii)	0	0	0	0	0	0	0
(7) JOAN W CONAWAY	(i)	237,775	0	1,186	35,944	10,630	285,535	0
	(ii)	0	0	0	0	0	0	0
(8) JERRY L WORKMAN	(i)	234,653	0	1,161	35,273	6,623	277,710	0
	(ii)	0	0	0	0	0	0	0
(9) R SCOTT HAWLEY	(i)	239,694	0	2,160	35,129	13,883	290,866	0
	(ii)	0	0	0	0	0	0	0
(10) RONG LI	(i)	225,573	0	462	34,859	13,836	274,730	0
	(ii)	0	0	0	0	0	0	0
(11) RICHARD W BROWN	(i)	0	0	0	0	0	0	0
	(ii)	1,621,863	0	24,024	36,750	10,660	1,693,297	0
(12)								
(13)								
(14)								
(15)								
(16)								

Part IIISupplemental 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
Schedule J		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.

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
2010
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		SEE PART V		No
(2) JULIA ZEITLINGER PhD	SEE PART V	104,768	EMPLOYEE OF SIMR		No
(3) LEANNE WIEDEMANN PhD	SEE PART V	177,720	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
SCHEDULE L, PART IV	Line 1, 2 & 3	PART IV, LINE (1) CURRENT DIRECTORS AND OFFICERS OF SIMR, RICHARD W BROWN AND DAVID A WELTE AND ALSO CURRENT DIRECTORS RODERICK L STURGEON AND JAMES E STOWERS JR ARE DIRECTORS OF AMERICAN CENTURY COMPANIES, INC ("ACCI") JAMES E STOWERS JR IS THE FOUNDER OF ACCI AND ALONG WITH OTHER FAMILY MEMBERS RETAINS 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 MUTAL FUND HOLDINGS THROUGHOUT THE YEAR BY THE PUBLISHED ADMINISTRATIVE FEE PERCENTAGE FOR THE APPLICABLE FUNDS, WAS APPROXIMATELY \$650,000 IN SELECTING ACI TO MANAGE ITS LIQUID INVESTMENTS, SIMR SELECTED A HIGH QUALITY MUTUAL FUND COMPANY WITH AN OUTSTANDING TRACK RECORD SCHEDULE L, PART IV, LINE (2) 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 WHITEHEAD INSTITUTE FOR MEDICAL RESEARCH WHERE SHE WAS THE RECIPIENT OF A POSTDOCTORAL FELLOWSHIP FROM THE HUMAN FRONTIER SCIENCE PROGRAM SCHEDULE L, PART IV, LINE (3) LEANNE WIEDEMANN, P h D, IS THE SPOUSE OF ROBERT KRUMLAUF, SCIENTIFIC DIRECTOR OF SIMR MS WIEDEMANN PERFORMS INDEPENDENT SCIENCE RESEARCH AT SIMR AND IS CONCURRENTLY A PROFESSOR AT THE UNIVERSITY OF KANSAS MEDICAL CENTER IN THE DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE

SCHEDULE M
(Form 990)

Department of the Treasury
Internal Revenue Service

NonCash Contributions

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

OMB No 1545-0047

2010

Open to Public Inspection

Name of the organization
Stowers Institute for Medical Research

Employer identification number
20-2993509

Part I Types of Property

	(a) Check if applicable	(b) Number of Contributions or items contributed	(c) Noncash contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining oncash 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	62,027	FAIR MARKET VALUE						
10 Securities—Closely held stock										
11 Securities—Partnership, LLC, or trust interests .										
12 Securities—Miscellaneous										
13 Qualified conservation contribution—Historic structures										
14 Qualified conservation contribution—Other . .										
15 Real estate—Residential .										
16 Real estate—Commercial										
17 Real estate—Other . .										
18 Collectibles										
19 Food inventory										
20 Drugs and medical supplies										
21 Taxidermy										
22 Historical artifacts . .										
23 Scientific specimens . .										
24 Archeological artifacts .										
25 Other ► ()										
26 Other ► ()										
27 Other ► ()										
28 Other ► ()										
29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part IV, Donee Acknowledgement			29							
30a During the year, did the organization receive by contribution any property reported in Part I, lines 1-28 that it must hold for at least three years from the date of the initial contribution, and which is not required to be used for exempt purposes for the entire holding period?				<table><tr><td></td><td>Yes</td><td>No</td></tr><tr><td>30a</td><td></td><td>No</td></tr></table>		Yes	No	30a		No
	Yes	No								
30a		No								
b If "Yes," describe the arrangement in Part II				<table><tr><td></td><td></td><td></td></tr><tr><td>31</td><td>Yes</td><td></td></tr></table>				31	Yes	
31	Yes									
31 Does the organization have a gift acceptance policy that requires the review of any non-standard contributions?				<table><tr><td></td><td></td><td></td></tr><tr><td>32a</td><td></td><td>No</td></tr></table>				32a		No
32a		No								
32a Does the organization hire or use third parties or related organizations to solicit, process, or sell non-cash contributions?				<table><tr><td></td><td></td><td></td></tr><tr><td>33</td><td></td><td></td></tr></table>				33		
33										
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 II

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
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2010

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
SUPPLEMENTAL INFORMATION		<p>FORM 990, PART III, LINE 1 THE STOWERS INSTITUTE FOR MEDICAL RESEARCH PERFORMS MEDICAL RESEARCH IN THE PUBLIC INTEREST IN CONJUNCTION WITH CHILDREN'S MERCY HOSPITAL IN KANSAS CITY , MISSOURI AND MASSACHUSETTS GENERAL HOSPITAL IN BOSTON, MASSACHUSETTS - BOTH SECTION 501 (C)(3) AND 170(B)(1)(A)(III) HOSPITALS, 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 THE END OF SCHEDULE O FORM 990, PART VI, LINE 2 JAMES E STOWERS JR , RICHARD W BROWN, RODERICK L STURGEON AND DAVID A WELTE, ALL DIRECTORS OF SIMR, HAVE A BUSINESS RELATIONSHIP, THEY ALL SERVE ON THE BOARD OF AMERICAN CENTURY COMPANIES, INC AS DESCRIBED IN RESPONSE TO SCHEDULE L, PART IV JAMES E STOWERS JR , 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 KPMG, OUR EXTERNAL TAX PREPARERS, USE THIS INFORMATION TO PREPARE THE FORM 990 THE COMPLETED FORM 990, INCLUDING REQUIRED SCHEDULES, IS DISTRIBUTED IN ADVANCE TO ALL SEVEN OFFICERS OF SIMR FOR THEIR REVIEW AND COMMENTS BEFORE THE FORM 990 IS FILED WITH THE IRS AFTER THE PREPARATION AND REVIEW PROCESS DESCRIBED ABOVE, THE FORM 990, INCLUDING REQUIRED SCHEDULES, IS PROVIDED TO EACH VOTING MEMBER OF THE ORGANIZATION'S BOARD BEFORE IT IS FILED WITH THE IRS 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 COMPENSATION OF 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 POSTIONS 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 FORM 990, PART VI, LINE 19 SIMR'S GOVERNING DOCUMENTS, CONFLICT OF INTEREST POLICY, AND FINANCIAL STATEMENTS ARE AVAILABLE ON REQUEST FORM 990, PART VII - HOURS WORKED FOR RELATED ORGANIZATIONS AS DESCRIBED IN SCHEDULE R RICHARD W BROWN IS A FULL TIME EMPLOYEE, 40 HOURS PER WEEK, OF SRM MR BROWN ALSO SPENDS AN AVERAGE OF 20 HOURS EACH PER WEEK SERVING AS A DIRECTOR OF SIMR, SSEI, BVC, AND BVD DAVID A WELTE IS A FULL TIME EMPLOYEE, 40 HOURS PER WEEK, OF SRM MR WELTE ALSO SPENDS AN AVERAGE OF 20 HOURS EACH PER WEEK SERVING AS A DIRECTOR OF SRM, SREHC, AND SSEI RODERICK L STURGEON IS A FULL TIME EMPLOYEE, 40 HOURS PER WEEK, OF SRM MR STURGEON ALSO SPENDS AN AVERAGE OF 20 HOURS EACH PER WEEK SERVING AS A DIRECTOR OF SRM, SIMR, SREHC, SSEI, AND BVD WILLAM B NEAVES IS A FULL TIME EMPLOYEE, 40 HOURS PER WEEK, OF SIMR MR NEAVES ALSO SPENDS AN AVERAGE OF 20 HOURS EACH PER WEEK SERVING AS A DIRECTOR OF SRM, BVC, AND BVD DAVID M CHAO IS A FULL TIME EMPLOYEE, 40 HOURS PER WEEK, OF SIMR MR CHAO ALSO SPENDS AN AVERAGE OF 20 HOURS EACH PER WEEK SERVING AS A DIRECTOR OF SRM AND BVD ROBERT E KRUMLAUF IS A FULL TIME EMPLOYEE, 40 HOURS PER WEEK, OF SIMR MR KRUMLAUF ALSO SPENDS AN AVERAGE OF 20 HOURS EACH PER WEEK SERVING AS A DIRECTOR OF SRM</p>

Identifier	Return Reference	Explanation
Other changes in net assets or fund balances	Form 990, Part XI, Line 5	Actuarial Loss on Annuity \$(634,439) Unrealized Loss on Investments (172,617) Rounding (1) ----- Other changes in net assets or fund balances (807,057) =====

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FORM 990, PART III, LINE 4		<p>2010 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</p> <p>2010 Notable Research Results In 2010, SIMR research teams made discoveries meriting publication in leading peer reviewed scientific journals - 54 papers in all SIMR research teams also published 44 reviews, commentaries, chapters, and two books Highlights among 2010's published papers include The Si Lab published results that suggest that ApCPEB acts as a self-sustaining prion-like protein in the nervous system, enabling it to play a role in memory formation (February 5 issue of Cell) The Shilatifard Lab, in collaboration with the Conaway Lab and the Proteomics Center, identified a protein called AFF4 that associates with mutant proteins commonly found in mixed lineage leukemia and that may be a key regulator of leukemia development (February 12 issue of Molecular Cell) The Mak Lab reported novel defects that result in expansion of lipid droplets in the roundworm <i>Caenorhabditis elegans</i>, contributing to the elucidation of cellular pathways that regulate fat storage (March 9 issue of the Proceedings of the National Academy of Sciences and published online on February 22) The Kulesa Lab and the Microscopy Center showed that multicolor cell labeling and multispectral imaging enable more accurate cell tracking in the chick neural crest, an important developmental structure (September 24 issue of BMC Developmental Biology) The Baumann Lab collaborated with Bill Neaves, Ph D, President Emeritus, the Microscopy Center, and the Reptile and Aquatics Facility to reveal unique aspects of meiosis in parthenogenetic whiptail lizards that enable these female lizards to preserve existing genetic variation when reproducing asexually (March 11 issue of Nature and published online on February 21) The Yu Lab showed that high and low concentrations of pheromones activate different subsets of neurons, helping to explain how mammalian species respond differently to different concentrations of pheromone cues (June 2 issue of the Journal of Neuroscience) The Gibson Lab discovered and characterized a novel red fluorescent protein in the sea anemone <i>Nematostella vectensis</i>, defining <i>Nematostella</i> as a new model organism for studying the natural functions of fluorescent proteins (Published online in PLoS ONE on July 27) The Hawley Lab provided the first direct evidence that the protein calcineurin is essential for the completion of meiosis in <i>Drosophila</i> oocytes (August 15 issue of Developmental Biology and published online on June 16) The Workman Lab, in collaboration with the Abmayr Lab, Proteomics Center, and Bioinformatics Research, revealed that a protein complex called ATAC helps to modulate the cellular response to osmotic stress (September 3 issue of Cell) The Krumlauf Lab demonstrated that the protein Wise regulates the well-studied Wnt protein signaling pathway to control tooth development, including tooth number and shape (October issue of Development and published online on August 19) The Blanchette Lab, in collaboration with scientists outside the Institute, reported a novel aspect of the exon junction complex (EJC), a protein complex that assembles on messenger RNA as a consequence of splicing, or the removal of non-coding sequences called introns (October issue of Nature Structural and Molecular Biology and published online on September 5)</p>

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FORM 990, PART III, LINE 4		<p>The Jaspersen Lab, in collaboration with scientists outside the Institute, revealed an unexpected relationship between the yeast protein Mps3, components of the nuclear pore complex, and lipids of nuclear membrane (November issue of Genetics and published online on August 16) The Rong Li Lab, in collaboration with the Proteomics Center, Molecular Biology, and Bioinformatics Research, demonstrated how aneuploidy in budding yeast can cause changes in gene expression and confer a growth advantage in certain environmental conditions (November 11 issue of Nature and published online on October 20) The Xie Lab published work showing how the protein Lissencephaly-I may regulate the self-renewal state of adult stem cells (November 16 issue of the Proceedings of the National Academy of Sciences and published online on November 1) The Gerton Lab, in collaboration with the Workman Lab and the Proteomics Center, uncovered the roles of two proteins, Psh1 and Scm3, in helping to ensure the presence of only one centromere per chromosome (November 12 issue of Molecular Cell) Comprehensive List of 2010 Original Research Papers, Reviews, Commentaries or Chapters, and Books</p> <p>Original Research Papers Ahn Y, Sanderson BW, Klein OD, Krumlauf R Inhibition of Wnt signaling by Wise (Sostdc1) and negative feedback from Shh controls tooth number and patterning Development 2010,137 3221-3231 Blin G, Nury D, Stefanovic S, Neri T, Guillevic O, Brinon B, Bellamy V, Rucker-Martin C, Barbry P, Bel A, Bruneval P, Cowan C, Pouly J, Mitalpov S, Gouadon E, Binder P, Hagege A, Desnos M, Renaud JF, Menasche P, Puceat M A purified population of multipotent cardiovascular progenitors derived from primate pluripotent stem cells engrafts in postmyocardial infarcted nonhuman primates J Clin Invest 2010,120 1125-1139 Bosl WJ, Li R The role of noise and positive feedback in the onset of autosomal dominant diseases BMC Syst Biol 2010,4 93 Cai Y, Jin J, Swanson SK, Cole MD, Choi SH, Florens L, Washburn MP, Conaway JW, Conaway RC Subunit composition and substrate specificity of a MOF-containing histone acetyltransferase distinct from the male-specific lethal (MSL) complex J Biol Chem 2010,285 4268-4272 Chen S, Kaneko S, Ma X, Chen X, Ip YT, Xu L, Xie T Lissencephaly-I controls germline stem cell self-renewal through modulating bone morphogenetic protein signaling and niche adhesion Proc Natl Acad Sci USA 2010,107 19939-19944 D'Angiolella V, Donato V, Vijayakumar S, Saraf A, Florens L, Washburn MP, Dynlacht B, Pagano M SCF(Cyclin F) controls centrosome homeostasis and mitotic fidelity through CP110 degradation Nature 2010,466 138-142 Egli D, Eggan K Recipient cell nuclear factors are required for reprogramming by nuclear transfer Development 2010,137 1953-1963 Eldakak A, Rancati G, Rubinstein B, Paul P, Conaway V, Li R Asymmetrically inherited multidrug resistance transporters are recessive determinants in cellular replicative ageing Nat Cell Biol 2010,12 799-805 Fournier ML, Paulson A, Pavelka N, Mosley AL, Gaudenz K, Bradford WD, Glynn E, Li H, Sardi ME, Fleharty B, Seidel C, Florens L, Washburn MP Delayed correlation of mRNA and protein expression in rapamycin-treated cells and a role for Ggc1 in cellular sensitivity to rapamycin Mol Cell Proteomics 2010,9 271-284 Govind CK, Qiu H, Ginsburg DS, Ruan C, Hofmeyer K, Hu C, Swaminathan V, Workman JL, Li B, Hinnebusch AG Phosphorylated Pol II CTD recruits multiple HDACs, including Rpd3C(S), for methylation-dependent deacetylation of ORF nucleosomes Mol Cell 2010,39 234-246 He J, Ma L, Kim S, Schwartz J, Santilli M, Wood C, Durnin MH, Yu CR Distinct Signals Conveyed to Pheromone Concentrations to the Mouse Vomeronasal Organ J Neurosci 2010,30 7473-7483 Helston RM, Box JA, Tang W, Baumann P Schizosaccharomyces cryophilus sp nov , a new species of fission yeast FEMS Yeast Res 2010,10 779-786 Herz HM, Madden LD, Chen Z, Bolduc C, Buff E, Gupta R, Davuluri R, Shilatfard A, Hariharan IK, Bergmann A The H3K27me3 demethylase dUTX is a suppressor of Notch and Rb-dependent tumors in Drosophila Mol Cell Biol 2010,30 2485-2497 Hewawasam G, Shivaraju M, Mattingly M, Venkatesh S, Martin-Brown S, Florens L, Workman JL, Gerton JL Psh1 is an E3 Ubiquitin Ligase that Targets the Centromeric Histone Variant Cse4 Mol Cell 2010,40 444-454 Ikmi A, Gibson MC Identification and in vivo characterization of NvFP-7R, a developmentally regulated red fluorescent protein of Nematostella vectensis PLoS Biol 2010,5 E1807 Kasemeier-Kulesa JC, McLennan R, Romne MH, Kulesa PM, Lefcort F CXCR4 controls ventral migration of sympathetic precursor cells J Neurosci 2010,30 13078-13088 Kim JH, Saraf A, Florens L, Washburn M, Workman JL Gcn5 regulates the dissociation of SWI/SNF from chromatin by acetylation of Swi2/Snf2 Genes Dev 2010,24 2766-2771 Korfali N, Wilkie GS, Swanson SK, Srsen V, Batrakou DG, Fairley EA, Malik P, Zuleger N, Goncharevich A, de Las Heras J, Kelly DA, Kerr AR, Florens L, Schirmer 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FORM 990, PART III, LINE 4		<p>Kristensen dM, Kannan L, Coleman MK, Wolf YI, Sorokin A, Koonin EV, Mushegian A A Low -Polynomial Algorithm For Assembling Clusters of Orthologous Groups From Intergenomic Symmetric Best Matches <i>Bioinformatics</i> 2010</p> <p>Kristensen DM, Mushegian AR, Dolja VV, Koonin EV New dimensions of the virus world discovered through metagenomics <i>Trends Microbiol</i> 2010,18 11-19</p> <p>Kulesa PM, Gammill LS Neural crest migration Patterns, phases and signals <i>Dev Biol</i> 2010,344 566-568</p> <p>Kulesa PM, Teddy JM, Smith M, Alexander R, Cooper CH, Lansford R, McLennan R Multispectral fingerprinting for improved in vivo cell dynamics analysis <i>BMC Dev Biol</i> 2010,10 101</p> <p>Kw on SH, Florens L, Sw anson SK, Washburn MP, Abmayr SM, Workman JL Heterochromatin protein 1 (HP1) connects the FACT histone chaperone complex to the phosphorylated CTD of RNA polymerase II <i>Genes Dev</i> 2010,24 2133-2145</p> <p>Lang C, Grava S, Finlayson M, Trimble R, Philippsen P, Jaspersen SL Structural mutants of the spindle pole body cause distinct alteration of cytoplasmic microtubules and nuclear dynamics in multinucleated hyphae <i>Mol Biol Cell</i> 2010,21 753-766</p> <p>Lang C, Grava S, van den Hoorn T, Trimble R, Philippsen P, Jaspersen SL Mobility, microtubule nucleation and structure of microtubule-organizing centers in multinucleated hyphae of <i>Ashbya gossypii</i> <i>Mol Biol Cell</i> 2010,21 18-28</p> <p>Lin C, Smith ER, Takahashi H, Lai KC, Martin-Brown S, Florens L, Washburn MP, Conaway JW, Conaway RC, Shilatifard A AFF4, a component of the ELL/P-TEFb elongation complex and a shared subunit of MLL chimeras, can link transcription elongation to leukemia <i>Mol Cell</i> 2010,37 429-437</p> <p>Lu S, Goering M, Gard S, Xiong B, McNairn AJ, Jaspersen SL, Gerton JL Eco1 is important for DNA damage repair in <i>S cerevisiae</i> <i>Cell Cycle</i> 2010,9 1-13</p> <p>Lutes AA, Neaves WB, Baumann DP, Wiegraebe W, Baumann P Sister chromosome pairing maintains heterozygosity in parthenogenetic lizards <i>Nature</i> 2010,464 283-286</p> <p>Mastushita-Sakai T, White-Grindley E, Samuelson J, Seidel C, Si K <i>Drosophila</i> Orb2 targets genes involved in neuronal growth, synapse formation, and protein turnover <i>Proc Natl Acad Sci USA</i> 2010,107 11987-11992</p> <p>McLennan R, Kulesa PM Neuropilin-1 interacts with the second branchial arch microenvironment to mediate chick neural crest cell dynamics <i>Dev Dyn</i> 2010,239 1664-1673</p> <p>McLennan R, Teddy JM, Kasemeier-Kulesa JC, Romne MH, Kulesa PM Vascular endothelial growth factor (VEGF) regulates cranial neural crest migration in vivo <i>Dev Biol</i> 2010,339 114-125</p> <p>Mogilner A, Rubinstein B Actin disassembly 'clock' and membrane tension determine cell shape and turning a mathematical model <i>J Phys Condensed Matter</i> 2010,22 194118</p> <p>Mohan M, Herz HM, Takahashi YH, Lin C, Lai KC, Zhang Y, Washburn MP, Florens L, Shilatifard A Linking H3K79 trimethylation to Wnt signaling through a novel Dot1-containing complex (DotCom) <i>Genes Dev</i> 2010,24 574-589</p> <p>Nakan KK, Ji H, Maehr R, Vokes SA, Rodolfa KT, Sherwood RI, Yamaki M, Dimos JT, Chen AE, Melton DA, McMahon AP, Eggan K Sox17 promotes differentiation in mouse embryonic stem cells by directly regulating extraembryonic gene expression and indirectly antagonizing self-renewal <i>Genes Dev</i> 2010,24 312-326</p> <p>Nugent RL, Johnsson A, Fleharty B, Gogol M, Xue-Franzen Y, Seidel C, Wright AP, Forsburg SL Expression profiling of <i>S pombe</i> acetyltransferase mutants identifies redundant pathways of gene regulation <i>BMC Genomics</i> 2010,11 59</p> <p>Ozbudak EM, Tassy O, Pourquie O Spatiotemporal compartmentalization of key physiological processes during muscle precursor differentiation <i>Proc Natl Acad Sci USA</i> 2010,107 4224-4229</p> <p>Pattenden SG, Gogol MM, Workman JL Features of cryptic promoters and their varied reliance on bromodomain-containing factors <i>PLoS One</i> 2010,5 e12927</p> <p>Pavelka N, Rancati G, Zhu J, Bradford WD, Saraf A, Florens L, Sanderson BW, Hattem GL, Li R Aneuploidy confers quantitative proteome changes and phenotypic variation in budding yeast <i>Nature</i> 2010,468 321-325</p> <p>Pyrgaki C, Trainor P, Hadjantonakis AK, Nisw ander L Dynamic imaging of mammalian neural tube closure <i>Dev Biol</i> 2010,344 941-947</p> <p>Sauliere J, Haque N, Harms S, Barbosa I, Blanchette M, Le Hir H The exonjunction complex differentially marks spliced junctions <i>Nat Struct Mol Biol</i> 2010,17 1269-1271</p> <p>Si K, Choi YB, White-Grindley E, Majumdar A, Kandel ER <i>Aplysia</i> CPEB can form prionlike multimers in sensory neurons that contribute to long-term facilitation <i>Cell</i> 2010,140 421-435</p> <p>Smith KT, Martin-Brown SA, Florens L, Washburn MP, Workman JL Deacetylase inhibitors dissociate the histone-targeting ING2 subunit from the Sin3 complex <i>Chem Biol (Lond)</i> 2010,17 65-73</p> <p>Suganuma T, Mushegian A, Sw anson SK, Abmayr SM, Florens L, Washburn MP, Workman JL The ATAC Acetyltransferase Complex Coordinates MAP Kinases to Regulate JNK Target Genes <i>Cell</i> 2010,142 726-736</p>

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FORM 990, PART III, LINE 4		<p>Takeo S, Hawley RS, Aigaki T Calcineurin and its regulation by Sra/RCAN is required for completion of meiosis in <i>Drosophila</i> Dev Biol 2010,344 957-967 Warren L, Manos PD, Ahfeldt T, Loh YH, Li H, Lau F, Ebina W, Mandal PK, Smth ZD, Meissner A, Daley GQ, Brack AS, Collins JJ, Cowan C, Schlaeger TM, Rossi DJ Highly efficient reprogramming to pluripotency and directed differentiation of human cells with synthetic modified mRNA Cell Stem Cell 2010,7 618-630 Witkin KL, Friederichs JM, Cohen-Fix O, Jaspersen SL Changes in the Nuclear Envelope Environment Affect Spindle Pole Body Duplication in <i>Saccharomyces cerevisiae</i> Genetics 2010,186 867-883 Xia S, Li X, Johnson T, Seidel C, Wallace DP, Li R Polycystin-dependent fluid flow sensing targets histone deacetylase 5 to prevent the development of renal cysts Development 2010,137 1075-1084 Xiong B, Lu S, Gerton JL Hos1 is a lysine deacetylase for the smc3 subunit of cohesin Curr Biol 2010,20 1660-1665 Zeng Y, Li H, Schweppe NM, Hawley RS, Gilliland WD Statistical analysis of nondisjunction assays in <i>Drosophila</i> Genetics 2010,186 505-513 Zhang D, O'Neil MF, Cunningham MT, Fan F, Olyae M, Li L Abnormal Wnt signaling and stem cell activation in reactive lymphoid tissue and low-grade marginal zone lymphoma Leuk Lymphoma 2010,51 906-910 Zhang SO, Mathur S, Hattem G, Tassy o, Pourquie o Sex-dimorphic gene expression and ineffective dosage compensation of Z-linked genes in gastrulating chicken embryos BMC Genomics 2010,11 13 Zhang SO, Trimble R, Guo F, Mak HY Lipid droplets as ubiquitous fat storage organelles in <i>C elegans</i> BMC Cell Biol 2010,11 96 Zhang Y, Wen Z, Washburn MP, Florens L Refinements to label free proteome quantitation how to deal with peptides shared by multiple proteins Anal Chem 2010,82 2272-2281 Reviews, Commentaries or Chapters Aulehla A, Pourquie o Signaling gradients during paraxial mesoderm development Cold Spring Harb Perspect Biol 2010,2 a000869 Baumann P, Price C Potl and telomere maintenance FEBS Lett 2010,584 3779-3784 Benazeraf B, Francois P, Baker RE, Denans N, Little CD, Pourquie O A random cell motility gradient downstream of FGF controls elongation of an amniote embryo Nature 2010,466 248-252 Bose T, Gerton J Cohesinopathies, gene expression, and chromatin organization J Cell Biol 2010,189 201-210 Bryan TM, Baumann P G-quadruplexes from guanine gels to chemotherapeutics Methods Mol Biol 2010,608 1-16 Eissenberg JC, Shilatifard A Histone H3 lysine 4 (H3K4) methylation in development and differentiation Dev Biol 2010,339 240-249 Gilmore JM, Washburn MP Advances in shotgun proteomics and the analysis of membrane proteomes J Proteomics 2010,73 2078-2091 Haralalka S, Abmayr SM Myoblast fusion in <i>Drosophila</i> Exp Cell Res 2010,316 3007-3013 Herz HM, Shilatifard A The JARID2-PRC2 duality Genes Dev 2010,24 857-861 Ichida JK, Kiskinis E, Eggan K Shushing down the epigenetic landscape towards stem cell differentiation Development 2010,137 2455-2460 Inman K, Ezin M, Bronner-Fraser M, Trainor P Role of Cardiac Neural Crest Cells in orphogenesis of the Heart and Great Vessels Heart Development and Regeneration 1st ed Amsterdam Elsevier/Academic Press, 2010,1 417-434</p>

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FORM 990, PART III, LINE 4		<p>Kim JH, Workman JL Histone acetylation in heterochromatin assembly Genes Dev 2010,24 738-740 Kiskinis E, Eggan K Progress toward the clinical application of patient-specific pluripotent stem cells J Clin Invest 2010,120 51-59 Krumlauf R, Levine M Gene expression and development Special introduction Dev Biol 2010,339 224 Kulesa PM, Bailey CM, Cooper C, Fraser SE In ovo live imaging of avian embryos Cold Spring Harb Protoc 2010,2010 pdb prot5446 Kulesa PM, Bailey CM, Kasemeier-Kulesa JC, McLennan R Cranial neural crest migration New rules for an old road Dev Biol 2010,344 543-554 Lee JS, Smith E, Shilatifard A The language of histone crosstalk Cell 2010,142 682-685 Li L, Clevers H Coexistence of quiescent and active adult stem cells in mammals Science 2010,327 542-545 Li R Myosin-II Puts the Squeeze on Asymmetric Cell Division Dev Cell 2010,19 639-640 Li R, Bowerman B Symmetry breaking in biology Cold Spring Harb Perspect Biol 2010,2 a003475 Mohan M, Lin C, Guest E, Shilatifard A Licensed to elongate a molecular mechanism for MLL-based leukaemogenesis Nat Rev Cancer 2010,10 721-728 Pavelka N, Rancati G, Li R Dr Jekyll and Mr Hyde role of aneuploidy in cellular adaptation and cancer Curr Opin Cell Biol 2010,22 809-15 Perry JM, Li L Functional assays for hematopoietic stem cell self-renewal Methods Mol Biol 2010,636 45-54 Sarthy JF, Baumann P Apollo-Taking the Lead in Telomere Protection Mol Cell 2010,39 489-491 Shen R, Xie T NANOS a germline stem cell's Guardian Angel J Mol Cell Biol 2010,2 76-77 Slaughter BD, Li R Toward Quantitative "in vivo biochemistry" with Fluorescence Fluctuation Spectroscopy Mol Biol Cell 2010,21 4306-4311 Slaughter BD, Smith SE, Li R Symmetry breaking in the life cycle of the budding yeast In Li R, and Bowerman B, eds Symmetry Breaking in Biology Cold Spring Harbor, NY Cold Spring Harbor Laboratory Press, 2010 99-116 Smith E, Shilatifard A The Chromatin Signaling Pathway Diverse Mechanisms of Recruitment of Histone-Modifying Enzymes and Varied Biological Outcomes Mol Cell 2010,40 689-701 Steen J, Morrison JA, Kulesa PM Multi-position photoactivation and multi-time acquisition for large-scale cell tracing in avian embryos Cold Spring Harb Protoc 2010,2010 pdb prot5447 Suganuma T, Workman JL Features of the PHF8/KIAA1718 histone demethylase Cell Res 2010,20 861-862 Suganuma T, Workman JL WD40 repeats arrange histone tails for spreading of silencing J Mol Cell Biol 2010,2 81-83 Sugimura R, Li L Noncanonical Wnt signaling in vertebrate development, stem cells, and diseases Birth Defects Res C Embryo Today 2010,90 243-256 Sugimura R, Li L Shifting in balance between osteogenesis and adipogenesis substantially influences hematopoiesis J Mol Cell Biol 2010,2 61-62 Takahashi YH, Shilatifard A Structural basis for H3K4 trimethylation by yeast Set1/COMPASS Adv Enzyme Regul 2010,50 104-110 Tenzen T, Zembowicz F, Cowan CA Genome modification in human embryonic stem cells J Cell Physiol 2010,222 278-281 Trainor PA Craniofacial birth defects The role of neural crest cells in the etiology and pathogenesis of Treacher Collins syndrome and the potential for prevention Am J Med Genet A 2010 Vilhais-Neto GC, Maruhashi M, Smith KT, Vasseur-Cognet M, Peterson AS, Workman JL, Pourquie O Rere controls retinoic acid signalling and somite bilateral symmetry Nature 2010,463 953-957 Washburn MP Driving biochemical discovery with quantitative proteomics [published ahead of print October 1 2010] Trends Biochem Sci 2010 Weake VM, Workman JL Inducible gene expression diverse regulatory mechanisms Nat Rev Genet 2010,11 426-437 Xiong B, Gerton JL Regulators of the cohesin network Annu Rev Biochem 2010,79 131-153 Yin T, Li L Fountain of Youth aged blood-forming stem cells could be rejuvenated by young microenvironment Cell Res 2010,20 504-505 Zertlinger J, Stark A Developmental gene regulation in the era of genomics Dev Biol 2010,339 230-239</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4		<p>Zhang SO, Box AC, Xu N, Le Men J, Yu J, Guo F, Trimble R, Mak HY Genetic and dietary regulation of lipid droplet expansion in <i>Caenorhabditis elegans</i> Proc Natl Acad Sci USA 2010;107:4640-4645 Books Baumann P G-Quadruplex DNA Vol 608 Springer Verlag, Humana Press, 2010 Li R, Bow erman B Symmetry Breaking in Biology, 1st ed Cold Spring Harbor, N Y , Cold Spring Harbor Laboratory Press 2010 Competitive Research Grant Funding & Research Awards & Distinctions The ability of Stow ers Institute scientists to receive increasing numbers of competitively aw arded research grants attests to the high level of research productivity present at the Institute During 2010, Stow ers scientists w orked w ith the support of 21 grants and fellow ships from the National Institutes of Health, tw o grants and one fellow ship from the American Cancer Society, one aw ard from Alex's Lemonade Stand Foundation, tw o fellow ships from The Leukemia and Lymphoma Society, one aw ard from the Klingenstein Fund, one aw ard from the McKnight Foundation, one grant from the Greater Kansas City Community Foundation, one Hudson Prize from the M R and Evelyn Hudson Foundation, one aw ard from the Kansas City Area Life Sciences Institute, one March of Dimes aw ard, one aw ard from the Midw est Cancer Alliance, one Pew Scholar Aw ard, one aw ard from the Burroughs Wellcome Fund, one investigator aw ard from the How ard Hughes Medical Institute, and one fellow ship from The Jane Coffin Childs Memorial Fund With new and recurring grant support, the Institute is receiving more than \$5 million a year in research funding to supplement the income from its endow ments Testifying to the high level of achievement taking place at the Institute are the aw ards and honors Institute scientists received in 2010 R Scott Haw ley, Ph D , Investigator, received an American Cancer Society grant, effective in January Ali Shilatifard, Ph D , Investigator, received tw o National Institutes of Health grants, effective in March and December, and an Innovation Aw ard from Alex's Lemonade Stand Foundation, effective in July Paul Trainor, Ph D , Associate Investigator, received a National Institutes of Health grant, effective in July, w as a sub-recipient on another National Institutes of Health grant from the University of Kansas Medical Center, effective in July, and w as a subrecipient on a Kansas City Area Life Sciences Institute grant from the University of Missouri-Kansas City, effective in August Joan Conaw ay, Ph D , Investigator, and Ronald Conaw ay, Ph D , Investigator, received a National Institutes of Health grant, effective in July Kausik Si, Ph D , Assistant Investigator, received the 2010 Hudson Prize from the M R and Evelyn Hudson Foundation, effective in July Erin Guest, Ph D , Visiting Scientist in the Shilatifard Lab, received a Midw est Cancer Alliance grant, effective in July Laurence Florens, Ph D , Head of Proteomics, w as a sub-recipient on a National Institutes of Health grant from the University of California, Riverside, effective in September Caleb Bailey, Ph D , Postdoctoral Research Associate in the Kulesa Lab, received a Ruth L Kirschstein National Research Service Aw ard from the National Institutes of Health, effective in September Linheng Li, Ph D , Investigator, w as elected as a Fellow of the American Association for the Advancement of Science in the Section on Medical Sciences in December Cooperation Agreements and Collaborations</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4		<p>The Stowers Institute continued collaborations in 2010 with hospitals in Kansas City (Children'S Mercy and St Luke's) and in Boston (Massachusetts General Hospital and Children's Hospital Boston) The Institute also collaborates with University of Missouri at Kansas City, University of Kansas, Howard Hughes Medical Institute, Harvard University, Harvard Stem Cell Institute, Harvard Medical School, Broad Institute, and Columbia University, most of which are associated with teaching and research hospitals Additional collaborations occurred in 2010 with University of California at San Francisco, INSERM U633, Avenir Program, Embryonic Stem Cells and Cardiogenesis, Evry, France, University Montpellier II, France, University Paris Descartes, France, CNRS-UMR 8162, Universite Paris-Sud, Hopital Marie Lannelongue, Le Plessis Robinson, France, CNRS University of Nice Sophia Antipolis, Institut de Pharmacologie Moleculaire et Cellulaire, Nice, France, Assistance Publique-Hopitaux de Paris (AP-HP), Hopital Europeen Georges-Pompidou, Oregon National Primate Research Center, Institut de Medecine Aerospatiale du Service de Sante des Armees (IMASSA), Bretigny sur Orge, France, Dartmouth Medical School, University of Massachusetts Medical School, New York University School of Medicine, National Institute of Child Health and Human Development, Oakland University, University of Texas Southwestern Medical Center, M D Anderson Cancer Center, University of California at Berkeley, Wistar Institute, The Open University, Montana State University, Wellcome Trust, National Center for Biotechnology Information, Oregon State University, University of Minnesota, California Institute of Technology, Biozentrum University of Basel, University of California, Davis, Johns Hopkins Bloomberg School of Public Health, University of Southern California, Karolinska Institutet, Sodertorn University, Institut de Genetique et de Biologie Moleculaire et Cellulaire, Institut National de la Sante et de la Recherche Medicale, Centre National de la Recherche Scientifique, Universite de Strasbourg, University of Colorado, SloanKettering Institute, Centre National de la Recherche Scientifique UMR8197, Paris, France, Kavli Institute for Brain Science, Tokyo Metropolitan University, Immune Disease Institute, DanaFarber Cancer, Boston University, Brigham and Women's Hospital, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Medical College of Wisconsin, Kansas City University of Medicine and Biosciences, DePaul University, University of Cincinnati, The Rockefeller University, University of Oxford, Saint Louis University School of Medicine, Hubrecht Institute, University of Oregon, Center for Regenerative Medicine, Cardiovascular Research Center, Universite' Paris Descartes, Genentech, and Research Institute of Molecular Pathology Independent Research Program Leaders Laboratories Individual scientists at the Stowers Institute specialize in the study of one or more particular genes, each of which may cause or have influence in various kinds of disease A comprehensive list of research leaders follows 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</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4		<p>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 de 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 , Assistant 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 & Lymphoma Society Career Development Award Dr Jaspersen holds a Ph D in biochemistry from the University of California-San Francisco Research Focus Inner nuclear membrane protein localization and role in chromosome positioning and segregation</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4		<p>Linheng Li, Ph D , Investigator, joined the Stow ers Institute in 2000 from the University of Washington Medical Center w here he held a faculty appointment after completing postdoctoral training in the laboratory directed by Dr Leroy Hood Dr Li earned his Ph D in molecular and cellular biology from New York University Medical School under the mentoring of Dr Edw ard Ziff Research Focus Investigation of molecular and genetic pathw ays controlling adult stem cell development in the hematopoietic and intestinal systems using transgenic and gene targeting animal model approaches Rong Li, Ph D , Investigator, joined the Stow ers Institute in 2005 from the Department of Cell Biology at Harvard Medical School w here she served as an Associate Professor She earned a Ph D in cell biology at the University of California-San Francisco w ith Dr Andrew Murray and held a Damon Runyon-Walter Winchell Cancer Research Fellow ship as a postdoctoral associate w ith Dr David Drubin at the University of California-Berkeley Research Focus Mechanism of cell polarization and cell motility, genome dynamics and cellular evolvability, and epithelial tissue morphogenesis Ho Yi Mak, Ph D , Assistant Investigator, joined the Stow ers Institute in 2006 from a Human Frontier Science Program postdoctoral fellow ship 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 pathw ays that regulate cellular fat storage in response to nutrient availability and lipid metabolism Ali Shilatifard, Ph D , Investigator, joined the Stow ers Institute in 2007 from the Saint Louis University School of Medicine w here he w as a Professor of Biochemistry and Associate Director for Basic Sciences at the Saint Louis University Cancer Center Dr Shilatifard earned a Ph D in biochemistry from the University of Georgia and the University of Oklahoma School of Medicine and completed postdoctoral training as a Jane Coffin Childs Fellow at the Oklahoma Medical Research Foundation Research Focus Molecular pathw ay of leukemogenesis</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4		<p>Kausik Si, Ph D , Assistant Investigator, joined the Stow ers Institute in 2005 from the laboratory of Dr Eric Kandel at Columbia University Center for Neurobiology and Behavior where he was a Jane Coffin Childs Fellow and a Francis Goelet Fellow in Neuroscience Dr Si earned a Ph D in molecular biology from the Albert Einstein College of Medicine Research Focus Role of synaptic protein synthesis in information acquisition and memory storage Paul Trainor, Ph D , Associate Investigator, joined the Stow ers Institute in 2001 from a research position at the National Institute for Medical Research at Mill Hill, London, where he completed postdoctoral training Dr Trainor has a Ph D in developmental biology from Children's Medical Research Institute at the University of Sydney, Australia Research Focus Investigation of the interactions between distinct tissues in the body and their regulation during normal development to reveal pathways that regulate normal cranial and facial development Jerry Workman, Ph D , Investigator, joined the Stow ers Institute in 2003 from the Pennsylvania State University where he held the Paul Berg Professorship of Biochemistry and was an Associate Investigator of the Howard Hughes Medical Institute Dr Workman earned a Ph D in cell and molecular biology from the University of Michigan and completed postdoctoral training at the Rockefeller University with Dr Bob Roeder Research Focus Study of the protein complexes that modify chromatin Ting Xie, Ph D , Investigator, joined the Stow ers Institute in 2000 after completing a Howard Hughes Medical Institute postdoctoral fellowship in the laboratory of Dr Allan C Spradling at the Carnegie Institution of Washington Dr Xie received his Ph D from the Joint Graduate Program in Molecular Biology and Biochemistry of Rutgers University and the University of Medicine and Dentistry of New Jersey Research Focus Genetic and molecular analysis of stem cells and germ cell development in Drosophila and mouse C Ron Yu, Ph D , Assistant Investigator, joined the Stow ers Institute in 2005 from the laboratory of Dr Richard Axel at Columbia University Center for Neurobiology and Behavior where he held a National Institutes of Health Mentored Research Scientist Award from the National Institute of Mental Health Dr Yu earned his Ph D in molecular, cellular, and biophysical studies at Columbia University Research Focus How olfactory sensory information is detected, integrated, and processed in the brain to influence specific innate behaviors Julia Zeitlinger, Ph D , Assistant Investigator, joined the Stow ers Institute in 2007 from the lab of Dr Richard Young at the Whitehead Institute for Biomedical Research at Massachusetts Institute of Technology where she was the recipient of a long-term postdoctoral fellowship from the Human Frontier Science Program Dr Zeitlinger earned a Ph D in molecular biology from the European Molecular Biology Laboratory in Heidelberg, Germany Research Focus Analysis of the gene regulatory networks underlying cellular differentiation</p>

Identifier	Return Reference	Explanation
FORM 990, PART III, LINE 4		<p>Technology Centers Paul Kulesa, Ph D , Director of Imaging, joined the Stow ers Institute in 2002 after completing a Burroughs Wellcome Fund postdoctoral fellow ship 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 Stow ers Institute in 2001 from Akkadix Corporation in San Diego w here 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 w ith 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 Stow ers Institute in 2003 from the Torrey Mesa Research Institute in San Diego w here he w as a Senior Staff Scientist in Proteomics He earned a Ph D in biochemistry and environmental toxicology from Michigan State University before completing a postdoctoral fellow ship w ith Professor John Yates, III in the Department of Molecular Biotechnology at the University of Washington Research Focus Quantitative proteomics and protein complex dynamics</p>

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

2010

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 E 50TH STREET KANSAS CITY, MO 64110 20-5916445	SUPPORT ORG	DE	501(c)(3)	11A	NA		
(2) STOWERS RESOURCE MANAGEMENTINC 1000 E 50TH STREET KANSAS CITY, MO 64110 41-2186719	SUPPORT ORG	DE	501(c)(3)	11a	NA		
(3) BIOMED VALLEY CORPORATION 1000 E 50TH STREET KANSAS CITY, MO 64110 74-3238244	SUPPORT ORG	DE	501(c)(3)	11a	NA		
(4) STOWERS REAL ESTATE HOLDING CORPORATION 1000 E 50TH STREET KANSAS CITY, MO 64110 26-1472230	HOLD TITLE	DE	501(c)(2)	N/A	NA		

Part III

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

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

Part IV

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

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end-of-year assets	(h) Percentage ownership
(1) BIOMED VALLEY DISCOVERIESINC 4520 MAIN ST SUITE 1650 KANSAS CITY, MO64111 06-1646533	SCI DISC DVLP	DE	NA	C			

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 other organization(s)

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

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

e Loans or loan guarantees by other organization(s)

f Sale of assets to other organization(s)

g Purchase of assets from other organization(s)

h Exchange of assets

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

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

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

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

m Sharing of facilities, equipment, mailing lists, or other assets

n Sharing of paid employees

o Reimbursement paid to other organization for expenses

p Reimbursement paid by other organization for expenses

q Other transfer of cash or property to other organization(s)

r Other transfer of cash or property from other organization(s)

Yes

No

1a Yes

1b No

1c Yes

1d No

1e No

1f Yes

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) BIOMED VALLEY DISCOVERIESINC	A	3,529,477	
(2) BIOMED VALLEY DISCOVERIESINC	A	2,754	
(3) STOWERS REAL ESTATE HOLDING CORP	J	2,230,551	
(4) SEE PART VII FOR ADDITIONAL INFORMATION ON	C,F,M		
(5) TRANSACTION DESCRIPTIONS	P		
(6)			

Schedule R (Form 990) 2010

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 V, LINE 2 (1)		IN 2009 SIMR ENTERED INTO A LEASE FOR A CERTAIN BUILDING AND PROPERTY AS DESCRIBED BELOW IN (3) ALSO IN 2009, SIMR SUBLEASED ABOUT 6% OF THIS TOTAL PROPERTY TO BIOMED VALLEY DISCOVERIES, INC ("BVD") UNTIL JULY 2010 WHEN BVD BOUGHT OUT THE REMAINDER OF THE LEASE TO MOVE TO A DIFFERENT LOCATION AS REFLECTED ON FORM 990, PART VIII, BVD MARKET VALUE LEASE PAYMENTS TO SIMR IN 2010 TOTALED \$3,529,477 INCLUDING THE LEASE BUYOUT AND SIMR HAD OFFSETTING AMOUNT OF EXPENSES FOR A PORTION OF THAT AMOUNT AS RENT PAID TO SREHC BVD IS A CONTROLLED PARTY OF BIOMED VALLEY CORPORATION ("BVC"), BVC AND BVD ARE RELATED PARTIES OF SIMR AS REPORTED ON SCHEDULE R THE RENT PAYMENTS FROM BVD DID NOT REDUCE BVD'S "NET UNRELATED INCOME" WITHIN THE MEANING OF CODE SECTION 512(b)(13)(A) THEREFORE, NO PORTION OF THE RENT PAYMENTS FROM BVD CONSTITUTES UNRELATED BUSINESS INCOME TO SIMR UNDER CODE SECTION 512(b)(13)
PART V, LINE 2 (2)		DURING 2010, BIOMED VALLEY DISCOVERIES, INC ("BVD") TEMPORARILY USED OFFICE SPACE ON SIMR CAMPUS TOTALING LESS THAN 500 SQUARE FEET OF THE MORE THAN 600,000 SQUARE FEET CAMPUS BVD PAYMENTS TO SIMR IN 2010 FOR THIS PURPOSE TOTALED \$2,754 BVD IS NOW LOCATED ON A SEPARATE CAMPUS AS REPORTED IN (1) ABOVE
PART V, LINE 2 (3)		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 LEASE PAYMENTS TO SREHC IN 2010 TOTALED \$2,230,551
PART V, LINE 2 (4)		ALL OTHER TRANSACTIONS FOR 1(c), (f), (m), (n),(o) and (p) WERE BETWEEN RELATED 501(C)(3) PUBLIC CHARITIES OR BELOW REPORTING THRESHHOLDS