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Form **990**

Department of the Treasury
Internal Revenue Service

Return of Organization Exempt From Income Tax

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

▶ Do not enter Social Security numbers on this form as it may be made public.

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

OMB No 1545-0047

2013

Open to Public Inspection

A For the 2013 calendar year, or tax year beginning , 2013, and ending , 20

B Check if applicable: [X] Address change; [ ] Name change; [ ] Initial return; [ ] Terminated; [ ] Amended return; [ ] Application pending	**C** Name of organization: JIM H. MCCLUNG LIGHTING RESEARCH FOUNDATION, INC.
Doing Business As	**D** Employer identification number: 31-1808884
Number and street (or P O box if mail is not delivered to street address): C/O DAN SMITH, 1170 PEACHTREE ST NE SUITE 2300 — Room/suite	**E** Telephone number: 404-853-1400
City or town, state or province, country, and ZIP or foreign postal code: ATLANTA, GA 30309	**G** Gross receipts $
F Name and address of principal officer	**H(a)** Is this a group return for subordinates? [ ] Yes [X] No
	H(b) Are all subordinates included? [ ] Yes [X] No. If "No," attach a list (see instructions)
I Tax-exempt status: [X] 501(c)(3) [ ] 501(c) ( ) ◀ (insert no) [ ] 4947(a)(1) or [ ] 527	
J Website: ▶	**H(c)** Group exemption number ▶
K Form of organization: [X] Corporation [ ] Trust [ ] Association [ ] Other ▶	**L** Year of formation 2001 **M** State of legal domicile GA

Part I Summary

Activities & Governance

1	Briefly describe the organization's mission or most significant activities		
2	Check this box ▶ [ ] 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	6
4	Number of independent voting members of the governing body (Part VI, line 1b)	4	6
5	Total number of individuals employed in calendar year 2013 (Part V, line 2a)	5	0
6	Total number of volunteers (estimate if necessary)	6	
7a	Total unrelated business revenue from Part VIII, column (C), line 12	7a	0
b	Net unrelated business taxable income from Form 990-T, line 34	7b	

			Prior Year	Current Year
Revenue	8	Contributions and grants (Part VIII, line 1h)	700	500
	9	Program service revenue (Part VIII, line 2g)		0
	10	Investment income (Part VIII, column (A), lines 3, 4, and 7d)	172	42,199
	11	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)		0
	12	Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12)	872	42,699
Expenses	13	Grants and similar amounts paid (Part IX, column (A), lines 1-3)	60,000	37,500
	14	Benefits paid to or for members (Part IX, column (A), line 4)		0
	15	Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)		0
	16a	Professional fundraising fees (Part IX, column (A), line 11e)		0
	b	Total fundraising expenses (Part IX, column (D), line 25)		
	17	Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)		0
	18	Total expenses Add lines 13-17 (must equal Part IX, column (A), line 25)	60,000	37,500
	19	Revenue less expenses Subtract line 18 from line 12	(59,128)	5,199
			Beginning of Current Year	**End of Year**
Net Assets or Fund Balances	20	Total assets (Part X, line 16)	1,683,289	1,680,606
	21	Total liabilities (Part X, line 26)	0	0
	22	Net assets or fund balances. Subtract line 21 from line 20.	1,683,289	1,680,606

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OGDEN, UT

SCANNED JUN 12 2014

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

▶ Signature of officer — Date: May 13, 2014

▶ C Dan Smith, Treasurer
Type or print name and title

Paid Preparer Use Only

Print/Type preparer's name	Preparer's signature	Date	Check [ ] if self-employed	PTIN
Firm's name ▶			Firm's EIN ▶	
Firm's address ▶			Phone no	

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

For Paperwork Reduction Act Notice, see the separate instructions.

Form **990** (2013)

5 G17

JSA
3E1010 1 000

Part III **Statement of Program Service Accomplishments**

Check if Schedule O contains a response or note to any line in this Part III . . . . ☐

1 Briefly describe the organization's mission

To provide financial and other assistance for applied research in all aspects of lighting sciences and to promote such activities.

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

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

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

If "Yes," describe these changes on Schedule O

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

4a (Code ______) (Expenses $ ______ including grants of $ ______) (Revenue $ ______)

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 ▶ 0

Part IV Checklist of Required Schedules

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

Part IV Checklist of Required Schedules *(continued)*

			Yes	No
21	Did the organization report more than $5,000 of grants or other assistance to any domestic organization or government on Part IX, column (A), line 1? *If "Yes," complete Schedule I, Parts I and II*	21	X	
22	Did the organization report more than $5,000 of grants or other assistance to individuals in the United States on Part IX, column (A), line 2? *If "Yes," complete Schedule I, Parts I and III*	22		X
23	Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? *If "Yes," complete Schedule J*	23		X
24 a	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? *If "Yes," answer lines 24b through 24d and complete Schedule K If "No," go to line 25a*	24a		X
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	24b		X
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		X
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	24d		X
25 a	**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? *If "Yes," complete Schedule L, Part I*	25a		x
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? *If "Yes," complete Schedule L, Part I*	25b		X
26	Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payable to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? If so, complete Schedule L, Part II	26		X
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? *If "Yes," complete Schedule L, Part III*	27		X
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? *If "Yes," complete Schedule L, Part IV*	28a		X
b	A family member of a current or former officer, director, trustee, or key employee? *If "Yes," complete Schedule L, Part IV*	28b		X
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? *If "Yes," complete Schedule L, Part IV*	28c		X
29	Did the organization receive more than $25,000 in non-cash contributions? *If "Yes," complete Schedule M*	29		X
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? *If "Yes," complete Schedule M*	30		X
31	Did the organization liquidate, terminate, or dissolve and cease operations? *If "Yes," complete Schedule N, Part I*	31		X
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? *If "Yes," complete Schedule N, Part II*	32		X
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? *If "Yes," complete Schedule R, Part I*	33		X
34	Was the organization related to any tax-exempt or taxable entity? *If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1*	34		X
35 a	Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a		X
b	If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? *If "Yes," complete Schedule R, Part V, line 2*	35b		X
36	**Section 501(c)(3) organizations.** Did the organization make any transfers to an exempt non-charitable related organization? *If "Yes," complete Schedule R, Part V, line 2*	36		X
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? *If "Yes," complete Schedule R, Part VI*	37		X
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? **Note.** All Form 990 filers are required to complete Schedule O	38	X	

Part V Statements Regarding Other IRS Filings and Tax Compliance

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

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

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

Section A. Governing Body and Management

				Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year	1a 6			
	If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O				
b	Enter the number of voting members included in line 1a, above, who are independent	1b 6			
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		X
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		X
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?		4		X
5	Did the organization become aware during the year of a significant diversion of the organization's assets?		5		X
6	Did the organization have members or stockholders?		6		X
7a	Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?		7a		X
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?		7b		X
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following				
a	The governing body?		8a	X	
b	Each committee with authority to act on behalf of the governing body?		8b		
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		X

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

			Yes	No
10a	Did the organization have local chapters, branches, or affiliates?	10a		X
b	If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?	10b		
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	11a		X
b	Describe in Schedule O the process, if any, used by the organization to review this Form 990			
12a	Did the organization have a written conflict of interest policy? *If "No," go to line 13*	12a		
b	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12b		
c	Did the organization regularly and consistently monitor and enforce compliance with the policy? *If "Yes," describe in Schedule O how this was done*	12c		
13	Did the organization have a written whistleblower policy?	13		X
14	Did the organization have a written document retention and destruction policy?	14		X
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		X
b	Other officers or key employees of the organization	15b		X
	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		X
b	If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?	16b		

Section C. Disclosure

17 List the states with which a copy of this Form 990 is required to be filed ▶ GEORGIA

18 Section 6104 requires an organization to make its Forms 1023 (or 1024 if applicable), 990, and 990-T (Section 501(c)(3)s only) available for public inspection Indicate how you made these available Check all that apply

[ ] Own website [ ] Another's website [ ] Upon request [X] Other *(explain in Schedule O)*

19 Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year

20 State the name, physical address, and telephone number of the person who possesses the books and records of the organization ▶ DAN SMITH - 1170 PEACHTREE ST. NE, SUITE 2300 ATLANTA GA 30309 Pnone: 404-

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

Check if Schedule O contains a response or note to any line in this Part VII . . . . ☐

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

1a Complete this table for all persons required to be listed Report compensation for the calendar year ending with or within the organization's tax year

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation Enter -0- in columns (D), (E), and (F) if no compensation was paid
- List all of the organization's **current** key employees, if any See instructions for definition of "key employee "
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than $100,000 from the organization and any related organizations
- List all of the organization's **former** officers, key employees, 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 (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee): Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former	(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
(1) DIARMUID MCSWEENEY PRESIDENT & DIRECTOR	0	X		X						
(2) CHERYL ENGLISH VICE PRESIDENT & DIRECTOR	0	X		X						
(3) DAN SMITH SECRETARY & TREASURER	0	X		X						
(4) TERRY MCGOWAN DIRECTOR	0	X								
(5) BARRY GOLDMAN DIRECTOR	0	X								
(6) RICK EARLYWINE DIRECTOR	0	X								
(7)										
(8)										
(9)										
(10)										
(11)										
(12)										
(13)										
(14)										

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

(A) Name and title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee): Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former	(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
(15)										
(16)										
(17)										
(18)										
(19)										
(20)										
(21)										
(22)										
(23)										
(24)										
(25)										
1b Sub-total ▶								0	0	0
c Total from continuation sheets to Part VII, Section A ▶								0	0	0
d Total (add lines 1b and 1c) ▶								0	0	0

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

		Yes	No
3 Did the organization list any **former** officer, director, or trustee, key employee, or highest compensated employee on line 1a? *If "Yes," complete Schedule J for such individual*	3		X
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? *If "Yes," complete Schedule J for such individual*	4		X
5 Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? *If "Yes," complete Schedule J for such person*	5		X

Section B. Independent Contractors

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

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

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

Part VIII **Statement of Revenue**

Check if Schedule O contains a response or note to any line in this Part VIII . . . . ☐

				(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514
Contributions, Gifts, Grants and Other Similar Amounts	1a Federated campaigns	1a					
	b Membership dues	1b					
	c Fundraising events	1c					
	d Related organizations	1d					
	e Government grants (contributions)	1e					
	f All other contributions, gifts, grants, and similar amounts not included above	1f	500				
	g Noncash contributions included in lines 1a-1f $						
	h **Total.** Add lines 1a-1f ▶			500			
Program Service Revenue		Business Code					
	2a						
	b						
	c						
	d						
	e						
	f All other program service revenue						
	g **Total.** Add lines 2a-2f ▶			0			
Other Revenue	3 Investment income (including dividends, interest, and other similar amounts) ▶			42,199	42,199		
	4 Income from investment of tax-exempt bond proceeds ▶						
	5 Royalties ▶						
		(i) Real	(ii) Personal				
	6a Gross rents						
	b Less rental expenses						
	c Rental income or (loss)	0	0				
	d Net rental income or (loss) ▶			0			
		(i) Securities	(ii) Other				
	7a Gross amount from sales of assets other than inventory						
	b Less cost or other basis and sales expenses						
	c Gain or (loss)	0	0				
	d Net gain or (loss) ▶			0			
	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						
	b						
	c						
	d All other revenue						
	e **Total.** Add lines 11a-11d ▶			0			
	12 **Total revenue.** See instructions ▶			42,699	42,199	0	0

Part IX Statement of Functional Expenses

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

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

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to governments and organizations in the United States See Part IV, line 21 .	37,500	37,500		
2 Grants and other assistance to individuals in the United States See Part IV, line 22				
3 Grants and other assistance to governments, organizations, and individuals outside the United States See Part IV, lines 15 and 16 . . .				
4 Benefits paid to or for members				
5 Compensation of current officers, directors, trustees, and key employees				
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
7 Other salaries and wages				
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)				
9 Other employee benefits				
10 Payroll taxes				
11 Fees for services (non-employees)				
a Management				
b Legal				
c Accounting				
d Lobbying				
e Professional fundraising services See Part IV, line 17 .				
f Investment management fees				
g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O).				
12 Advertising and promotion				
13 Office expenses				
14 Information technology				
15 Royalties				
16 Occupancy				
17 Travel				
18 Payments of travel or entertainment expenses for any federal, state, or local public officials				
19 Conferences, conventions, and meetings				
20 Interest				
21 Payments to affiliates				
22 Depreciation, depletion, and amortization				
23 Insurance				
24 Other expenses Itemize expenses not covered above (List miscellaneous expenses in line 24e If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O)				
a				
b				
c				
d				
e All other expenses				
25 **Total functional expenses.** Add lines 1 through 24e	37,500	37,500	0	0
26 **Joint costs.** Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation Check here ▶ ☐ if following SOP 98-2 (ASC 958-720)				

Part X Balance Sheet

Check if Schedule O contains a response or note to any line in this Part X . . . . ☐

				(A) Beginning of year		(B) End of year
Assets	1	Cash - non-interest-bearing			1	
	2	Savings and temporary cash investments		1,683,289	2	1,680,606
	3	Pledges and grants receivable, net			3	
	4	Accounts receivable, net			4	
	5	Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees Complete Part II of Schedule L			5	
	6	Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions) Complete Part II of Schedule L			6	
	7	Notes and loans receivable, net			7	
	8	Inventories for sale or use			8	
	9	Prepaid expenses and deferred charges			9	
	10a	Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D	10a			
	b	Less accumulated depreciation	10b		10c	0
	11	Investments - publicly traded securities			11	
	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			15	
	16	**Total assets.** Add lines 1 through 15 (must equal line 34)		1,683,289	16	1,680,606
Liabilities	17	Accounts payable and accrued expenses			17	
	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	Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons Complete Part II of Schedule L			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 (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24) Complete Part X of Schedule D			25	
	26	**Total liabilities.** Add lines 17 through 25		0	26	0
Net Assets or Fund Balances		**Organizations that follow SFAS 117 (ASC 958), check here ▶ ☐ and complete lines 27 through 29, and lines 33 and 34.**				
	27	Unrestricted net assets		1,683,289	27	1,680,606
	28	Temporarily restricted net assets			28	
	29	Permanently restricted net assets			29	
		Organizations that do not follow SFAS 117 (ASC 958), check here ▶ ☐ 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		1,683,289	33	1,680,606
	34	Total liabilities and net assets/fund balances		1,683,289	34	1,680,606

Part XI **Reconciliation of Net Assets**

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

1	Total revenue (must equal Part VIII, column (A), line 12)	1	42,699
2	Total expenses (must equal Part IX, column (A), line 25)	2	37,500
3	Revenue less expenses Subtract line 2 from line 1	3	5,199
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	1,683,289
5	Net unrealized gains (losses) on investments	5	(7,882)
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain in Schedule O)	9	
10	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	1,680,606

Part XII **Financial Statements and Reporting**

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

			Yes	No
1	Accounting method used to prepare the Form 990 ☐ Cash ☒ Accrual ☐ Other ______ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O			
2a	Were the organization's financial statements compiled or reviewed by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both ☐ Separate basis ☐ Consolidated basis ☐ Both consolidated and separate basis	2a		X
b	Were the organization's financial statements audited by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both ☐ Separate basis ☐ Consolidated basis ☐ Both consolidated and separate basis	2b		X
c	If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O	2c		
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?	3a		X
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	3b		

SCHEDULE A
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

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

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

OMB No 1545-0047
2013
Open to Public Inspection

Name of the organization
JIM H. MCCLUNG LIGHTING RESEARCH FOUNDATION, INC.

Employer identification number
31-1808884

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

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

1 [ ] A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i).**
2 [ ] A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E)
3 [ ] A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
4 [ ] A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state
5 [ ] An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II)
6 [ ] A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
7 [X] An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi).** (Complete Part II)
8 [ ] A community trust described in **section 170(b)(1)(A)(vi).** (Complete Part II)
9 [ ] An organization that normally receives (1) more than 33 1/3 % of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions - subject to certain exceptions, and (2) no more than 33 1/3 % of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975 See **section 509(a)(2).** (Complete Part III)
10 [ ] An organization organized and operated exclusively to test for public safety See **section 509(a)(4).**
11 [ ] An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2) See **section 509(a)(3).** Check the box that describes the type of supporting organization and complete lines 11e through 11h

a [ ] Type I **b** [ ] Type II **c** [ ] Type III-Functionally integrated **d** [ ] Type III-Non-functionally integrated

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

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

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

		Yes	No
(i) A person who directly or indirectly controls, either alone or together with persons described in (ii) and (iii) below, the governing body of the supported organization?	**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)**		

h Provide the following information about the supported organization(s)

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

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

JSA
3E1210 1 000

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

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants")	500	0	500	700	500	2,200
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	500		500	700	500	2,200
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						2,200

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(f) Total
7 Amounts from line 4	500		500	700	500	2,200
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	240	179	178	172	16,772	17,541
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						19,741

12 Gross receipts from related activities, etc (see instructions) . . . 12

13 **First five years.** If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and **stop here** ▶ ☐

Section C. Computation of Public Support Percentage

14 Public support percentage for 2013 (line 6, column (f) divided by line 11, column (f)) . . . 14 11.1443 %

15 Public support percentage from 2012 Schedule A, Part II, line 14 . . . 15 9.2123 %

16a **33 1/3% support test - 2013.** If the organization did not check the box on line 13, and line 14 is 33 1/3 % or more, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶ ☐

b **33 1/3% support test - 2012.** If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3 % or more, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶ ☐

17a **10%-facts-and-circumstances test - 2013.** If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and **stop here.** Explain in Part IV how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization SEE ATTACHED SCHEDULE ▶ ☒

b **10%-facts-and-circumstances test - 2012.** If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and **stop here.** Explain in Part IV how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization ▶ ☐

18 **Private foundation.** If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions ▶ ☐

Part 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) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")						
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 **Total.** Add lines 1 through 5						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of $5,000 or 1% of the amount on line 13 for the year						
c Add lines 7a and 7b						
8 **Public support** (Subtract line 7c from line 6.)						

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(f) Total
9 Amounts from line 6						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
c Add lines 10a and 10b						
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part IV.)						
13 **Total support.** (Add lines 9, 10c, 11, and 12.)						

14 **First five years.** If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and **stop here** ▶ ☐

Section C. Computation of Public Support Percentage

15	Public support percentage for 2013 (line 8, column (f) divided by line 13, column (f))	15	%
16	Public support percentage from 2012 Schedule A, Part III, line 15	16	%

Section D. Computation of Investment Income Percentage

17	Investment income percentage for **2013** (line 10c, column (f) divided by line 13, column (f))	17	%
18	Investment income percentage from **2012** Schedule A, Part III, line 17	18	%

19a **33 1/3% support tests - 2013.** If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶ ☐

b **33 1/3% support tests - 2012.** If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3%, and line 18 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶ ☐

20 **Private foundation.** If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ▶ ☐

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

SEE ATTACHED

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

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

Complete if the organization answered "Yes" to Form 990, Part IV, line 21 or 22.
▶ Attach to Form 990.
▶ Information about Schedule I (Form 990) and its instructions is at *www.irs.gov/form990*.

OMB No 1545-0047
2013
Open to Public Inspection

Name of the organization: JIM H. MCCLUNG LIGHTING RESEARCH FOUNDATION, INC.

Employer identification number: 31-1808884

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? . . . . . [X] Yes [ ] No

2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States

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

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
(1) National Institute for Building Sciences 1090 Vermont Ave NW, Washington DC 20005	52-1107937	501(c)(3)	37,500				Note Below
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							
(11)							
(12)							

Note: Development of Design Standard for Health and Safety in the Built Environment-Low Vision Guide

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

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

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

	(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of non-cash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of non-cash assistance
1						
2						
3						
4						
5						
6						
7						

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

SCHEDULE O (Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

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

▶ Attach to Form 990 or 990-EZ.

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

OMB No 1545-0047

2013

Open to Public Inspection

Name of the organization	Employer identification number
JIM H. MCCLUNG LIGHTING RESEARCH FOUNDATION, INC.	31-1808884

The organizaton makes its governing documents, conflict of interest policy and financial statements available to the public upon request.

Name of the organization	Employer identification number
JIM H. MCCLUNG LIGHTING RESEARCH FOUNDATION, INC.	31-1808884

Acuity Brands, Inc
1170 Peachtree Street, NE
Suite 2400
Atlanta, GA 30309

Tel 404 853 1400
Fax 404 853 1440

AcuityBrands com

Jim H. McClung Lighting Research Foundation, Inc
EIN: 31-1808884.
Schedule A Part IV Attachment
Facts and Circumstances Tests

The Jim H. McClung Lighting Research Foundation, Inc. has historically been funded in excess of 10 per cent by public support. The main reason the percentage of public funding declined in 2013 was due to a higher percentage of support from investment income. The funds used to create the investment income were contributed by the general public in prior years. Historically, funds to support the Foundation have been provided my members and organizations of the general public. Many of the contributors from the general public have special knowledge and expertise in the lighting sciences. In addition, the Jim H. McClung Lighting Research Foundation, Inc. makes grants to organizations that support the general public. For 2013 a grant was made to the National Institute of Building Sciences and in 2012 a grant was made to Rensselaer Polytechnic Institute. Both of these organizations publish articles and hold events that are used by the general public.

Based on the above facts, the Jim H. McClung Lighting Research Foundation, Inc. is supported by the general public.

National Institute of BUILDING SCIENCES

An Authoritative Source of Innovative Solutions for the Built Environment

The National Institute of Building Sciences is a non-profit, non-governmental organization that successfully brings together representatives of government, the professions, industry, labor and consumer interests, and regulatory agencies to focus on the identification and resolution of problems and potential problems that hamper the construction of safe, affordable structures for housing, commerce and industry throughout the United States Authorized by the U S Congress, the Institute provides an authoritative source and a unique opportunity for free and candid discussion among private and public sectors within the built environment The Institute's mission to serve the public interest is accomplished by supporting advances in building sciences and technologies for the purpose of improving the performance of our nation's buildings while reducing waste and conserving energy and resources

Highlights

Institute **Annual Conference & Expo· Building Innovation**

The **Haiti Toolkit** News & Information

Building Resilience Resources

Standards

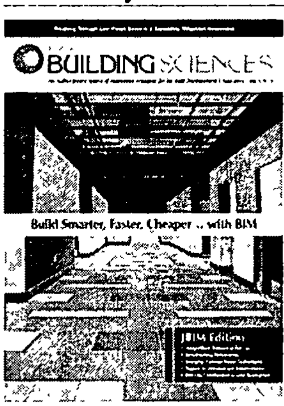
National BIM Standard - United States™ Version 2

United States National CAD Standard® Version 5

Monthly E-Newsletter

BuildingSciences

Bi-Monthly Journal



Councils & Committees

- Advanced Materials Council
- Building Enclosure Council - National
- Building Enclosure Technology & Environment Council
- Building Seismic Safety Council
- buildingSMART alliance™
- Commercial Workforce Credentialing Council
- Consultative Council
- Coordinating Council
- Council on Finance, Insurance and Real Estate
- Facility Maintenance & Operations Committee
- High Performance Building Council
- Low Vision Design Committee
- Multihazard Mitigation Council
- National Council of Governments on Building Codes and Standards
- National Mechanical Insulation Committee
- Off-Site Construction Council
- Sustainable Buildings Industry Council

Projects

- BRIK Building Research Information Knowledgebase
- HAZUS
- Integrated Resilient Design Program
- National Clearinghouse for Educational Facilities
- ProjNet℠
- Science, Technology, Engineering and Mathematics Education Program
- Security Information & Technologies Exchange
- WBDG Whole Building Design Guide

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Councils & Projects

The National Institute of Building Sciences accomplishes its mission to serve the nation and public interest through the following councils and programs that work to support advances in building sciences and technology

Industry Leadership and Advocacy

Consultative Council – The Consultative Council advises the Institute by making findings and recommendations for presentation to the President of the United States on developing and applying science and technology to improve the built environment Members of the Council include the key organizations representing major aspects of the building community

Coordinating Council – The Coordinating Council coordinates efforts among the different Institute programs and identifies areas of mutual interest to improve synergy and facilitate outcomes that are more productive and valuable to the building community

Council on Finance, Insurance and Real Estate (CFIRE) – CFIRE brings together building industry representatives that play a significant role in how buildings are procured, designed and constructed Council participants include architects, engineers, contractors and owners, insurance representatives (including professional, property, casualty, environmental and surety), banking representatives (including construction and permanent), investment representatives (including real estate investment trusts, pensions and others), appraisal representatives, and testing and validation representatives The Council works to promote collaboration and buy-in across these sectors and address the challenges of evaluating risks, benefits, technologies and practices associated with the achievement of cost-effective high-performance buildings

National Council of Governments on Building Codes and Standards (NCGBCS) – NCGBCS brings together state, local and regional code agencies to work together to improve processes for handling building permits, inspections, energy codes, accessibility requirements and other codes and standards NCGBCS provides a forum for addressing long-term policy issues, developing common education and training programs, researching codes and standards provisions and establishing a single point of engagement to communicate with federal agencies This council serves as the reincarnation of the National Conference of States on Building Codes and Standards (NCSBCS) for a wider, more inclusive audience

Commercial Workforce Credentialing Council (CWCC) – CWCC, through a partnership with the U S Department of Energy (DOE), leads development of voluntary national guidelines to improve the quality and consistency of commercial building workforce credentials The purpose of the *Better Buildings Workforce Guidelines* is to reduce the confusion and uncertainty around workforce credentialing, lower costs, and support better credentials, better workers and better buildings

Science, Technology, Engineering & Mathematics Education Program (STEM) - The Institute, the Total Learning Research Institute and NASA seek to engage and inspire K-12 students in Science, Technology, Engineering and Mathematics activities related to the building sciences through this program The Institute is leading this joint program to create and inspire interest in careers within the built environment and leverage STEM K-12 challenge curriculum and utilize educational resources developed by NASA along with technical assistance from the Human Exploration and Operations Mission Directorate, the Chief Technologist, the Science Mission Directorate and others

Low Vision Design Committee (LVDC) - The Institute established this committee to focus on the development of design principles and regulatory guidelines for creating safer and more accommodating environments for the growing population of people with low vision LVDC emphasizes collaborative efforts between federal agencies, the design professions and the medical community

Haiti Toolkit – In the wake of the devastating 7 0–magnitude earthquake that occurred in Haiti on January 12, 2010, the National Institute of Building Sciences asked the United States codes and standards community to help provide guidance in the reconstruction of the island nation The Institute put out a call to industry for assistance in the development of a toolkit to help guide Haiti in rebuilding

High-Performance Building Data Collection Initiative – In response to the U S Energy Information Administration's (EIA) decision to cancel release of its 2007 Commercial Building Energy Consumption Survey results and suspend work on its 2011 survey, the National Institute of Building Sciences established a High-Performance Building Data Collection Initiative to identify a method for collecting and disseminating data on all high-performance building attributes, not just energy use This Initiative will allow the building community to still obtain the building energy data necessary to achieve national objectives for high-performance buildings and also gain additional data not currently captured through government sources

Security and Disaster Preparedness Programs

Building Seismic Safety Council (BSSC) – BSSC, a building industry association-based council, develops nationally-applicable seismic design provisions through the National Earthquake Hazard Reduction Program funded by the Federal Emergency Management Agency In addition, BSSC advocates practical NEHRP-based improvements to the nation's model building codes

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Integrated Resilient Design Program (IRDP) - The Insitute established this program to focus on innovative approaches to the design, construction and operation of buildings and infrastructures that are resilient to natural and man-made disasters IRDP projects are currently sponsored by the U S Department of Homeland Security's Science and Technology Directorate, whose High Performance Integrated Design Resilience program develops tools and resources so users can integrate resilience to reduce the impact of disruptive events and the duration of their effects

Multihazard Mitigation Council (MMC) – MMC advocates reducing the total losses associated with natural and other hazards by fostering and promoting consistent and improved multihazard risk mitigation strategies, guidelines, practices, and related efforts

Multihazard Risk Assessment / HAZUS – HAZUS (short for Hazards U S) is a geographic information system (GIS) -based software program that estimates the consequences of a natural disaster before it happens The Institute produced the HAZUS Earthquake Model for the Federal Emergency Management Agency (FEMA) in 1997 and added models for riverine flooding and hurricane wind hazards in 2004 The program is available from FEMA for free With this information, community decision makers, emergency managers, police and fire officials, and government administrators can better ready a region for disaster events The Institute periodically updates HAZUS to support mitigation planning, respond to user needs and offer new and refined capabilities

Facility Performance and Sustainability Programs

Building Enclosure Technology and Environment Council (BETEC) – BETEC fosters public/private cooperation for environmental quality and energy efficiency in buildings BETEC-developed publications such as the Envelope Design Guide are available on the Whole Building Design Guide, www wbdg org The Council is developing a commissioning guideline for building enclosures Through a cooperative agreement with the American Institute of Architects, BETEC has formed and organized Building Enclosure Councils in numerous U S cities

Building Enclosure Council (BEC) National – BEC facilitates a network of affiliated architects, engineers, contractors, manufacturers and others located in major cities across the United States The local Councils provide a forum for the construction industry to address building enclosures—the exterior systems of buildings that play such a critical role in building performance and energy efficiency BECs offer industry professionals an opportunity to exchange valuable information relating to successful building enclosure design through meetings and sharing of resources BEC was established as an initiative of the Building Enclosure Technology and Environment Council (BETEC) of the National Institute of Building Sciences and the American Institute of Architects

High Performance Buildings Council (HPBC) – The Council's overall goal is to put standards in place to define the performance goals of a high performance building in order to facilitate the design, construction, financing, and operating buildings with an emphasis on life cycle issues rather than initial costs The HPBC identifies the metrics and level of required performance for specific design objectives (energy, security, durability, moisture, acoustics, etc) for building products, subsystems and systems, and references industry standards for validating these performance requirements

National Mechanical Insulation Committee (NMIC) – The Institute formed the NMIC to provide a forum for the improvement of information on the performance, use, testing and standardization of mechanical insulation in buildings and industrial facilities The committee developed the Mechanical Insulation Design Guide (MIDG) on the Whole Building Design Guide website

Sustainable Buildings Industry Council (SBIC) – The SBIC focuses on achieving high-performance buildings through the efficient use of energy and resources SBIC works to unite and inspire the building industry toward higher performance—through education, outreach, advocacy and the mutual exchange of ideas—and to dramatically improve the long-term performance and value of buildings by advancing a whole building approach to design, construction and operation

Information Resources and Technologies Programs

buildingSMART alliance™ – This council provides industry-wide, public and private leadership and support for the development, standardization, and integration of building information modeling technologies to provide for full automation of the entire life cycle of buildings The Alliance, in association with the American Institute of Architects and the Construction Specifications Institute, develops and publishes the consensus-based *United States National CAD Standard®* The Alliance also sustains the consensus-based *National BIM Standard-United States™* The Alliance coordinates projects establishing best business practices, enterprise architecture, education transformation, research and development throughout the industry The Alliance acts as the North American chapter of buildingSMART International a consortium of 30 countries with like goals

WBDG Whole Building Design Guide – WBDG is a comprehensive, Internet-based portal to a wide range of federal and private sector, building-related guidance, criteria & technology It creatively links information across traditional professional disciplines to encourage integrated thinking and a "whole building" performance Users can access WBDG information through a series of "levels" by way of three major categories 1) Design Guidance (including Building Types, Space Types, Design Objectives, Design Disciplines, and Product and Systems), 2) Project Management (including Delivery Teams, Planning & Development, Delivery and Controls and Commissioning) and 3) Operation and Maintenance (including Real Property Inventory and Computerized Maintenance Management Systems) The WBDG includes a comprehensive library of over 12,000 design criteria, other construction documents and executable programs from federal and private organizations

ProjNet℠ – Project extranet (ProjNet℠) is an internet-based service that allows the secure exchange and processing of design and construction information among authorized business partners ProjNet℠ offers a suite of tools to manage owner-related business processes including design reviews, bidder inquiry, requests for information and construction submittals reviews ProjNet℠ facilitates the formal oversight, control, review, management, and secure exchange of complex project documents among and between all project stakeholders

Facility Maintenance and Operations Committee (FMOC) – The FMOC works within the industry to improve the performance and longevity of buildings and building systems through consistent, effective and proper facility maintenance and operation The committee provides industry-wide, public and private support for the creation of high-quality facilities It promotes the sharing and integration of procedures and disseminates best practices FMOC also actively provides feedback on a number of National Institute of Building Sciences programs and interacts with outside agencies to improve facility maintenance

- **Building Resource Information Knowledgebase (BRIK)** – The National Institute of Building Sciences and the American Institute of Architects are collaborating on the development of BRIK, an interactive portal offering online access to peer-reviewed research projects and case studies in all facets of building, from pre-design through occupancy and reuse

Total Building Commissioning – This Institute program is an industry wide process to develop a comprehensive set of building system commissioning guidelines Total Building Commissioning is the systematic process of ensuring that the performance of the facility and its systems meet the design intent and the near- and long-term functional and operational needs of the owner and occupants

National Clearinghouse for Educational Facilities (NCEF) – NCEF provides comprehensive information on planning, designing, funding, constructing, improving, and maintaining safe, healthy, high-performance schools on the NCEF website NCEF identifies, abstracts, and disseminates information on the planning, design, construction, renovation, operation and maintenance of the nation's schools

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Membership

Members of the National Institute of Building Sciences develop and implement technical and procedural improvements and interact with other nationally recognized colleagues through the Institute's councils, committees and programs Innovative solutions developed through the Institute's projects and programs work to provide beneficial guidance for all those who plan, design, produce, construct, use, operate, maintain and retire physical buildings and facilities

Join the Institute and become part of the solution Members have the opportunity to come together with the nation's experts and identify and resolve issues facing the built environment Participation assures that your voice is heard, your issues are brought to the forefront, and that resolutions are beneficial to all members of the built environment

Individual members and representatives of organizational members are entitled to participate on the projects, councils and committees that interest them

Membership Type & Dues

Individuals are eligible to become either public interest or industry sector members Sustaining and contributing organizations may designate up to five individuals to be Institute members The membership classifications are defined as follows

Institute Member-Public Interest

Open to any individual employed by, or otherwise affiliated with government, consumer organizations, non-profit research and educational organizations, or the media, and architects, professional engineers or other design professionals who are not employees of nor have a financial interest in corporate organizations that produce, sell, distribute or install building products or materials, and retirees (from public interest or industry sector)
Annual Dues $75 – Join at this level

Institute Member-Industry

Open to any individual not qualifying for membership in the "public interest sector" and including persons employed by or otherwise associated with construction, labor organizations, home builders, building or construction contractors, producers, distributors or manufacturers of building products, trade and professional associations, organizations engaged in real estate, finance or research and testing of building products, and code and standards organizations
Annual Dues $150 – Join at this level

Institute Member-Student

Open to any individual enrolled as a full-time student in an institution of higher learning Proof of enrollment is required for this membership Student members are eligible to participate on any open Institute council and/or committee
Annual Dues $25 – Join at this level

Institute Sustaining Organization

Open to any corporation, trade or professional association, government agency, non-profit organization, individual or others desiring to provide additional support for and participation with the Institute to achieve the goals and objectives established by U S Congress (Public-Law 93-383) Sustaining organizations may designate up to five individuals from their organization to be Institute Members
Annual Dues $1,000 – Join at this level

Institute Contributing Organization

Organizations making an exceptional membership commitment to the Institute are afforded the same rights and privileges as sustaining organizations and such other rights and privileges as authorized by the Board of Directors
Annual Dues: $5,000 – Join at this level

Alliance Sponsor Organization

Open to any corporation, trade or professional association, government agency, non-profit organization, individual or others desiring to provide additional support for and participation with the Institute's buildingSMART alliance and sponsor the efforts to develop national standards for BIM and other data standards Alliance Sponsor Organizations may name up to 10 individuals from their organization to be Institute Members Alliance Sponsor Organization Members are eligible for a seat on

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the buildingSMART alliance Board of Direction, recognition on the Alliance web site, preference for articles submitted to the*Journal of Building Information Modeling* (JBIM), a role in the decision making for the future of the Alliance, a seat on the planning committee for the *National BIM Standard - United States*

- **Annual Dues $10,000 – Sponsor at this level**

Bronze Sponsor Organization

Open to any corporation, trade or professional association, government agency, non-profit organization, individual or others desiring to provide additional support for and participation with the Institute's buildingSMART alliance and sponsor the efforts to develop national standards for BIM and other data standards Bronze Sponsor Organizations may name up to 12 individuals from their organization to be Institute Members Bronze Sponsors are eligible for a seat on the buildingSMART alliance Board of Direction, recognition on the Alliance web site, preference for articles submitted to the *Journal of Building Information Modeling* (JBIM), a role in the decision making for the future of the Alliance, and a seat on the planning committee for the *National BIM Standard - United States*
Annual Dues $25,000 – Sponsor at this level

Silver Sponsor Organization

Open to any corporation, trade or professional association, government agency, non-profit organization, individual or others desiring to provide additional support for and participation with the Institute's buildingSMART alliance and sponsor the efforts to develop national standards for BIM and other data standards Silver Sponsor Organizations may name up to 15 individuals from their organization to be Institute Members Silver Sponsors are eligible for a seat on the buildingSMART alliance Board of Direction, recognition on the Alliance web site, preference for articles submitted to the *Journal of Building Information Modeling* (JBIM), a role in the decision making for the future of the Alliance, a seat on the planning committee for the *National BIM Standard - United States*, the opportunity to compete for project grants, and priority presentations of organizations case studies on Alliance and International web site
Annual Dues $50,000 – Sponsor at this level

Interest Groups

The Institute classifies members in one of the following twelve groups in order to ensure an appropriate representation of the various interests of the building community in the makeup of NIBS' project committees Below is a list of those groups based on a Member's primary trade, occupational or business affiliation

- **Consumer and General Interest** Consumers, users, academia, media, and public interest groups
- **Architects** Architects and related professionals in private practice
- **Engineers** Engineers and related professionals in private practice
- **Federal Government** Officials and representatives of federal government agencies
- **State and Local Government** Officials and representatives of state and local government including code officials
- **Building Construction** Building construction contractors, subcontractors and utilities
- **Labor Organizations** Building trade unions
- **Housing** Builders, developers and housing producers
- **Building Materials and Products** Producers, manufactures and distributors of materials and products used in the building process
- **Standards** Standards writing or producing organizations
- **Real Estate, Finance or Insurance** Realtors, owners, financial and insurance organizations

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Resources

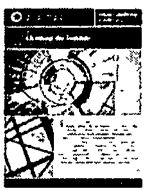
The publications and resources listed in this section are produced in accordance with the Institute's mission to serve the public interest by promoting a more rational regulatory environment for the building community, by facilitating the introduction of new and innovative technology, and disseminating nationally recognized technical information The recommendations found in many of these documents are often arrived at through a consensus of broad-based building interests serving on Institute project committees

Publications and reports for purchase are listed in the following categories

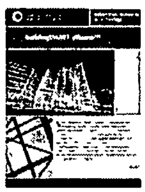
- Energy & Environment
- Asbestos Control
- Construction Metrication
- Special Topics
- Standards

Fact Sheets

The Institute has a series of 2-page fact sheets providing more information on each of the organization's councils, projects and programs All are available as Adobe Acrobat PDFs


All About the Institute


National Council of Governments on Building Codes and Standards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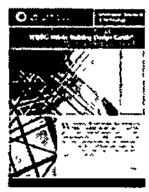
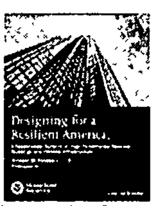

Whole Building Design Guide

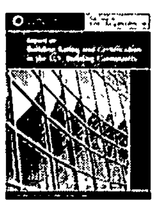
Download more fact sheets

Reports & Guidelines

The Institute has a number of reports on specific topics All are available as Adobe Acrobat PDFs



Designing for a Resilient America


Report on Building Rating and Certification in the U S Building Community


Assessment to the U S Congress and U S Department of Energy on High Performance Buildings

Download more reports

Additional Projects and Resources

- HAZUS
- National Clearinghouse for Educational Facilities
- ProjNet[SM]
- Seismic Safety Guidelines and Provisions
- Whole Building Design Guide

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National Mechanical Insulation Committee

Off-Site Construction Council

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National Clearinghouse for Educational Facilities

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Calendar of Events

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Find out about upcoming industry events Some events may allow for online registration Click the event name to view more details

UPCOMING EVENTS

Tuesday, May 13, 2014

Alliance for a Resilient Tomorrow
5/13/2014
Location *Washington, District of Columbia* ***Time*** *11 00 am - 12 30 pm*
Export to Your Calendar

Monday, May 19, 2014

National Conference on Building Commissioning (NCBC) 2014
5/19/2014 » 5/21/2014
Location *Hartford, Connecticut* ***Time*** *7 00 AM - 5 00 PM*
Export to Your Calendar

Tuesday, May 27, 2014

Introduction to Cybersecuring Building Control Systems Workshop
5/27/2014
Location *Washington, District of Columbia* ***Time*** *8 00 AM until 5 00 PM EDT*
Export to Your Calendar Register Tickets Available

Wednesday, May 28, 2014

Advanced Cybersecuring Building Control Systems Workshop
5/28/2014
Location *Washington District of Columbia* ***Time*** *8 00 AM until 5 00 PM EDT*
Export to Your Calendar Register Tickets Available

Saturday, June 28, 2014

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Location *Seattle*
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Monday, August 04, 2014

Getting to Outcome-Based Performance Summit
8/4/2014 » 8/5/2014
Location *Seattle*
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Saturday, September 20, 2014

Association of Environmental & Engineering Geologists 2014 Annual Meeting
9/20/2014 » 9/28/2014
Location *Scottsdale, Arizona*
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Monday, September 22, 2014

2014 I2SL Annual Conference
9/22/2014 » 9/24/2014
Location *Orlando*
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Discovery, Innovation, Imagination

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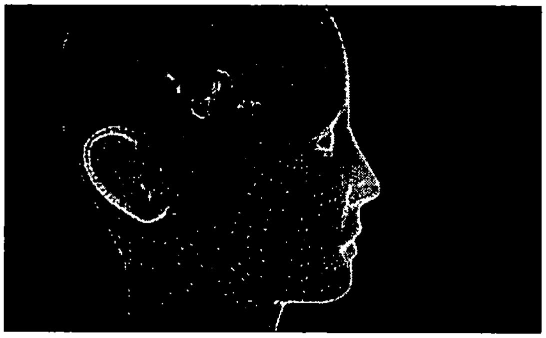

Rensselaer Professors Part of Team Funded To Teach Robots Right From Wrong

Researchers from Rensselaer Polytechnic Institute, teamed with researchers from Tufts University, Brown University, and the U S. Navy, are exploring what it takes to engineer a robot with morals.

Partnering under a Multidisciplinary University Research Initiative (MURI) awarded by the Office of Naval Research (ONR) under the direction of ONR Program Officer Paul Bello, the scientists will delve into the challenges of infusing autonomous robots with a sense of right and wrong, and the ability to promote the former and steer clear of the latter

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The 2014 President's Commencement Colloquy
Fri , May 23, 3 30 p m , EMPAC

Commencement 2014
Sat , May 24, 2014, 8 30 a m , ECAV

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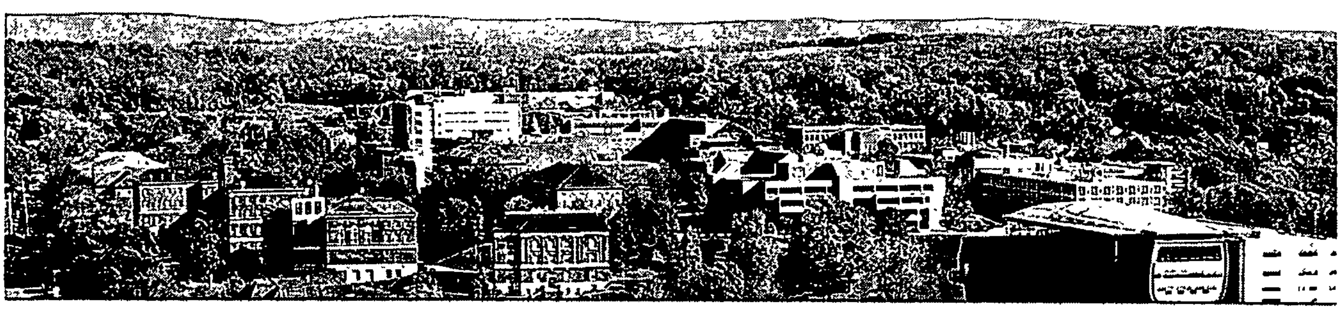

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Office for Research

Research as a Driver for Changing the World

At the end of the first decade of the 21st century, science, engineering, and technology are being used to address challenges of unprecedented complexity. The universities of today are charged with a fundamental role in this process—to create the next great innovations, and to educate the next generation of innovators who can address today's and tomorrow's most critical challenges.

Solutions to scientific and societal challenges begin with insight and discovery, and Rensselaer researchers are leaders in this landscape Today, Rensselaer's researchers in **energy, environment, and smart systems** are exploring the development of renewable technologies to enable us to coexist with a bio-diverse planet, our **biotechnology and life sciences** researchers are leading the way to the creation of life-saving treatments, Rensselaer researchers in **nanotechnology and advanced materials** are enabling the development of new materials that support a safer, more cost-effective, and sustainable environment. Through **computational science and engineering**, Rensselaer researchers are deepening our comprehension of a multi-faceted world. Using Rensselaer's extraordinary **media, arts, science , and technology** platforms that blur existing boundaries between observation, perception, and experience, our researchers are creating environments that expand our ability to learn, understand, and communicate

For the last decade, the ***Rensselaer Plan*** has provided a blueprint for transformation and impact It has guided development of an exceptional campus environment for advancing research with the potential to address science and society's most challenging problems Based on this strong foundation, Rensselaer research is creating a better future through the innovation and engineering of a better world With our accelerated trajectory, the best is yet to come.

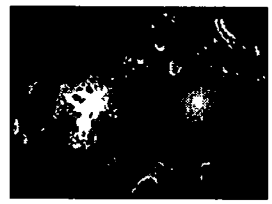
Research Regulation and Compliance

The Office for Research is committed to the highest standards of research integrity in all work conducted at Rensselaer The Office provides support, services and training to assure compliance with ethical and regulatory mandates governing research, including safe and humane care of animals used in research, biosafety, the protection of human subjects, the use of human and animal stem cells, and conflicts of interest

Many research activities, and certain teaching activities, at Rensselaer are subject to oversight by various state or federally-mandated committees Specific proposed research and teaching activities for Rensselaer faculty, staff and students *may* require review and approval by one or more of these committees, regardless of the source of funding support In many cases, written proof of appropriate approvals must be submitted to funding agencies prior to the disbursement of funds. These review processes may require several weeks or months to complete

If your proposed research or teaching involves any of the following areas, please contact the relevant committee(s) to determine if review and approval are required before the work is initiated

- If your research, *on campus or at another institution*, involves the use of vertebrate animals, please contact the Rensselaer Institutional Animal Care & Use Committee (IACUC) at IACUC@rpi.edu or review the IACUC Web page
- If your research, *on campus or off campus*, involves protocols that use human subjects, please contact the Rensselaer Institutional Review Board (IRB) at IRB@rpi.edu or review the IRB Web page
- If your research, *on campus or off campus*, involves the purchase, acquisition, generation or use of human embryonic stem cells or gametes, please contact the



Innovation at Rensselaer: Space

Rensselaer's online research magazine

Research News:

Rensselaer Researchers To Map Step-by-Step Mechanism of Photosynthesis

12/2/13 - With support from the Photosynthetic Systems Division at the DOE, researchers in the School of Science are expanding a successful research program to uncover the minute workings of the photosynthetic protein, Photosystem II

Research Data Alliance/US To Expand Reach and Scope With $5 Million NSF Grant

11/11/13 - The NSF has awarded a five-year, $5 million grant to Rensselaer and partners to expand US leadership through the Research Data Alliance (RDA)

Jefferson Project at Lake George Kicks Off Scientific Study of Lake With High-Tech Survey

10/30/13 - Starting next week, scientists will use a sophisticated aerial and boat-based surveying techniques to create a high-resolution contour map and images of the lakebed and surrounding mountains

Dynamic Distributed Computing Expert Stacy Patterson Joins Rensselaer as Clare Boothe Luce Assistant Professor

10/23/13 - Patterson, an expert in dynamic networks, distributed algorithms, and cooperative control, was most recently a postdoctoral fellow at the Technion-Israel Institute of Technology

Rensselaer at Petascale: AMOS Among the World's Fastest and Most Powerful Supercomputers

10/3/13 - Rensselaer has unveiled a new petascale supercomputing system, the Advanced Multiprocessing Optimized System, or AMOS

Rensselaer Institutional Stem Cell Research Oversight Committee (ISCRO) at ISCRO@rpi edu or review the ISCRO Web page.

- If your research, *on campus or at another institution*, involves the use of any of the following agents, please contact the Rensselaer Institutional Biosafety Committee (IBC) at IBC@rpi.edu or review the IBC Web page:
  - Recombinant DNA
  - Recombinant RNA
  - Human cells
  - Bacteria
  - Viruses or viral vectors
  - Select Agents or other pathogenic organisms
  - Toxins

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IBM Teams With Leading Universities to Advance Research in Cognitive Systems
10/2/13 - IBM has announced a collaborative research initiative with four leading universities to advance the development and deployment of cognitive computing systems

Researchers Propose New Theory To Explain Seeds of Life in Asteroids
10/1/13 - A new look at the early solar system introduces an alternative to a long-taught, but largely discredited, theory that seeks to explain how biomolecules were once able to form inside of asteroids

NASA Mars Rover Curiosity Finds Water in First Sample of Planet Surface
09/26/13 - The first scoop of soil analyzed by the analytical suite in the belly of NASA's Curiosity rover reveals that fine materials on the surface of the planet contain several percent water by weight

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Page updated 2/20/14, 1 30 PM

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