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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)  
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Information about Form 990 and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990)

OMB No 1545-0047  
**2016**  
Open to Public Inspection

**A For the 2016 calendar year, or tax year beginning 01-01-2016, and ending 12-31-2016**

- B** Check if applicable  
 Address change  
 Name change  
 Initial return  
 Final  
 Return/terminated  
 Amended return  
 Application pending

**C** Name of organization  
MATERIALS RESEARCH SOCIETY

Doing business as

Number and street (or P O box if mail is not delivered to street address) Room/suite  
506 KEYSTONE DRIVE

City or town, state or province, country, and ZIP or foreign postal code  
WARRENDALE, PA 15086

**D** Employer identification number  
31-1037979

**E** Telephone number  
(724) 779-3003

**G** Gross receipts \$ 11,690,515

**F** Name and address of principal officer  
TODD M OSMAN  
506 KEYSTONE DRIVE  
WARRENDALE, PA 15086

**H(a)** Is this a group return for subordinates?  Yes  No  
**H(b)** Are all subordinates included?  Yes  No  
If "No," attach a list (see instructions)  
**H(c)** Group exemption number ▶

**I** Tax-exempt status  501(c)(3)  501(c) ( ) ◀ (insert no )  4947(a)(1) or  527

**J** Website: ▶ WWW MRS ORG

**K** Form of organization  Corporation  Trust  Association  Other ▶

**L** Year of formation 1973

**M** State of legal domicile PA

## Part I Summary

**1** Briefly describe the organization's mission or most significant activities  
THE MATERIALS RESEARCH SOCIETY (MRS) IS AN ORGANIZATION OF MATERIALS RESEARCHERS WORLDWIDE THAT PROMOTES COMMUNICATION FOR THE ADVANCEMENT OF INTERDISCIPLINARY MATERIALS RESEARCH AND TECHNOLOGY TO IMPROVE THE QUALITY OF LIFE

**2** Check this box  if the organization discontinued its operations or disposed of more than 25% of its net assets

<b>3</b> Number of voting members of the governing body (Part VI, line 1a)	3	20
<b>4</b> Number of independent voting members of the governing body (Part VI, line 1b)	4	20
<b>5</b> Total number of individuals employed in calendar year 2016 (Part V, line 2a)	5	56
<b>6</b> Total number of volunteers (estimate if necessary)	6	1,200
<b>7a</b> Total unrelated business revenue from Part VIII, column (C), line 12	7a	515,193
<b>7b</b> Net unrelated business taxable income from Form 990-T, line 34	7b	0

	Prior Year	Current Year
<b>8</b> Contributions and grants (Part VIII, line 1h)	939,004	1,127,166
<b>9</b> Program service revenue (Part VIII, line 2g)	6,697,515	7,551,508
<b>10</b> Investment income (Part VIII, column (A), lines 3, 4, and 7d)	192,486	249,768
<b>11</b> Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	2,648,687	2,762,073
<b>12</b> Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)	10,477,692	11,690,515

<b>13</b> Grants and similar amounts paid (Part IX, column (A), lines 1-3)	109,159	111,985
<b>14</b> Benefits paid to or for members (Part IX, column (A), line 4)	0	0
<b>15</b> Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	4,447,375	4,549,848
<b>16a</b> Professional fundraising fees (Part IX, column (A), line 11e)	0	0
<b>b</b> Total fundraising expenses (Part IX, column (D), line 25) ▶ 26,308		
<b>17</b> Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	5,723,214	6,305,031
<b>18</b> Total expenses Add lines 13-17 (must equal Part IX, column (A), line 25)	10,279,748	10,966,864
<b>19</b> Revenue less expenses Subtract line 18 from line 12	197,944	723,651

	Beginning of Current Year	End of Year
<b>20</b> Total assets (Part X, line 16)	12,236,984	13,732,184
<b>21</b> Total liabilities (Part X, line 26)	1,866,659	2,412,418
<b>22</b> Net assets or fund balances Subtract line 21 from line 20	10,370,325	11,319,766

## 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: 2017-08-10

TODD M OSMAN EXECUTIVE DIRECTOR  
Type or print name and title

**Paid Preparer Use Only**

Print/Type preparer's name TIMOTHY J MORGUS	Preparer's signature TIMOTHY J MORGUS	Date	Check <input type="checkbox"/> if self-employed	PTIN P00229535
Firm's name ▶ MAHER DUESSEL CPA'S			Firm's EIN ▶ 25-1622758	
Firm's address ▶ 503 MARTINDALE STREET SUITE 600 PITTSBURGH, PA 15212			Phone no (412) 471-5500	

**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 FOSTER INTERACTION AMONG SCIENTISTS INVOLVED IN THE PREPARATION, CHARACTERIZATION, DESIGN, AND UTILIZATION OF VARIOUS MATERIALS

**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 \$ 5,719,834 including grants of \$ 111,985 ) (Revenue \$ 7,116,070 )  
 See Additional Data

**4b** (Code ) (Expenses \$ 1,171,224 including grants of \$ ) (Revenue \$ 2,745 )  
 See Additional Data

**4c** (Code ) (Expenses \$ 1,791,336 including grants of \$ ) (Revenue \$ 432,693 )  
 See Additional Data

**4d** Other program services (Describe in Schedule O )  
 (Expenses \$ including grants of \$ ) (Revenue \$ )

**4e Total program service expenses** ▶ 8,682,394

**Part IV Checklist of Required Schedules**

	Yes	No
<b>1</b> Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete Schedule A	Yes	
<b>2</b> Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)?	Yes	
<b>3</b> 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		No
<b>4 Section 501(c)(3) organizations.</b> Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If "Yes," complete Schedule C, Part II	Yes	
<b>5</b> 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		No
<b>6</b> 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		No
<b>7</b> 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		No
<b>8</b> Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III		No
<b>9</b> 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		No
<b>10</b> 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	Yes	
<b>11</b> 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		
<b>a</b> Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D, Part VI	Yes	
<b>b</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		No
<b>c</b> 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		No
<b>d</b> 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		No
<b>e</b> Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X	Yes	
<b>f</b> 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		No
<b>12a</b> Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete Schedule D, Parts XI and XII	Yes	
<b>b</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		No
<b>13</b> Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E		No
<b>14a</b> Did the organization maintain an office, employees, or agents outside of the United States?		No
<b>b</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	Yes	
<b>15</b> 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	Yes	
<b>16</b> 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	Yes	
<b>17</b> 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)		No
<b>18</b> 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		No
<b>19</b> 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		No

**Part IV Checklist of Required Schedules** (continued)

	Yes	No
<b>20a</b> Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H . . . . .</i>		No
<b>b</b> If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
<b>21</b> Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II . . . . .</i>	Yes	
<b>22</b> Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III . . . . .</i>	Yes	
<b>23</b> Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J . . . . .</i>	Yes	
<b>24a</b> Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a . . . . .</i>		No
<b>b</b> Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception? . . . . .		
<b>c</b> Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds? . . . . .		
<b>d</b> Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year? . . . . .		
<b>25a Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations.</b> Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I . . . . .</i>		No
<b>b</b> Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I . . . . .</i>		No
<b>26</b> Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If "Yes," complete Schedule L, Part II . . . . .</i>		No
<b>27</b> Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III . . . . .</i>		No
<b>28</b> 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)		
<b>a</b> A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV . . . . .</i>		No
<b>b</b> A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV . . . . .</i>		No
<b>c</b> An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV . . . . .</i>		No
<b>29</b> Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M . . . . .</i>		No
<b>30</b> Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M . . . . .</i>		No
<b>31</b> Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I . . . . .</i>		No
<b>32</b> Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II . . . . .</i>		No
<b>33</b> Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I . . . . .</i>		No
<b>34</b> Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1 . . . . .</i>		No
<b>35a</b> Did the organization have a controlled entity within the meaning of section 512(b)(13)?		No
<b>b</b> If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2 . . . . .</i>		
<b>36 Section 501(c)(3) organizations.</b> Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2 . . . . .</i>		No
<b>37</b> Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI . . . . .</i>		No
<b>38</b> Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? <b>Note.</b> All Form 990 filers are required to complete Schedule O . . . . .	Yes	

Part V Statements Regarding Other IRS Filings and Tax Compliance

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

Table with columns for question number, question text, and Yes/No response boxes. Includes sections for backup withholding, employee reporting, foreign accounts, prohibited tax shelter transactions, deductible contributions, and 501(c)(7), (12), and (29) organizations.

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

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

Section A. Governing Body and Management

Table with 3 columns: Question, Yes, No. Rows include: 1a Enter the number of voting members of the governing body at the end of the tax year (20); 1b Enter the number of voting members included in line 1a, above, who are independent (20); 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? (No); 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? (No); 4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed? (No); 5 Did the organization become aware during the year of a significant diversion of the organization's assets? (No); 6 Did the organization have members or stockholders? (Yes); 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? (Yes); 7b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body? (Yes); 8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following: 8a The governing body? (Yes); 8b Each committee with authority to act on behalf of the governing body? (Yes); 9 Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O (No)

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

Table with 3 columns: Question, Yes, No. Rows include: 10a Did the organization have local chapters, branches, or affiliates? (No); 10b If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?; 11a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form? (Yes); 11b Describe in Schedule O the process, if any, used by the organization to review this Form 990; 12a Did the organization have a written conflict of interest policy? If "No," go to line 13 (Yes); 12b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts? (Yes); 12c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done (Yes); 13 Did the organization have a written whistleblower policy? (Yes); 14 Did the organization have a written document retention and destruction policy? (Yes); 15 Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision? 15a The organization's CEO, Executive Director, or top management official (Yes); 15b Other officers or key employees of the organization (Yes); If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions); 16a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year? (No); 16b If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?

Section C. Disclosure

Table with 3 columns: Question, Yes, No. Rows include: 17 List the States with which a copy of this Form 990 is required to be filed (PA, MA, CA, AZ); 18 Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply: [ ] Own website, [ ] Another's website, [X] Upon request, [ ] Other (explain in Schedule O); 19 Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year; 20 State the name, address, and telephone number of the person who possesses the organization's books and records (TODD M OSMAN 506 KEYSTONE DRIVE WARRENDALE, PA 15086 (724) 779-3003)





**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	
<b>Contributions, Gifts, Grants and Other Similar Amounts</b>	<b>1a</b> Federated campaigns . . . . .	<b>1a</b>				
	<b>b</b> Membership dues . . . . .	<b>1b</b>				
	<b>c</b> Fundraising events . . . . .	<b>1c</b>				
	<b>d</b> Related organizations . . . . .	<b>1d</b>				
	<b>e</b> Government grants (contributions)	<b>1e</b>	364,488			
	<b>f</b> All other contributions, gifts, grants, and similar amounts not included above	<b>1f</b>	762,678			
	<b>g</b> Noncash contributions included in lines 1a-1f \$ _____					
	<b>h Total.</b> Add lines 1a-1f . . . . .		1,127,166			
<b>Program Service Revenue</b>		<b>Business Code</b>				
	<b>2a</b> REGISTRATION FEES	541900	7,116,070	5,663,845	1,452,225	
	<b>b</b> MEMBERSHIP DUES	900099	432,693	432,693		
	<b>c</b> SUBSCRIPTIONS	511120	2,745	2,745		
	<b>d</b> _____					
	<b>e</b> _____					
	<b>f</b> All other program service revenue					
<b>g Total.</b> Add lines 2a-2f . . . . .		7,551,508				
<b>Other Revenue</b>	<b>3</b> Investment income (including dividends, interest, and other similar amounts) . . . . .		182,970		182,970	
	<b>4</b> Income from investment of tax-exempt bond proceeds . . . . .					
	<b>5</b> Royalties . . . . .		1,519,285		1,519,285	
	<b>6a</b> Gross rents	(i) Real				
		(ii) Personal				
		<b>b</b> Less rental expenses				
		<b>c</b> Rental income or (loss)				
	<b>d</b> Net rental income or (loss) . . . . .					
	<b>7a</b> Gross amount from sales of assets other than inventory	(i) Securities	66,798			
		(ii) Other				
		<b>b</b> Less cost or other basis and sales expenses	0			
		<b>c</b> Gain or (loss)	66,798			
	<b>d</b> Net gain or (loss) . . . . .		66,798		66,798	
	<b>8a</b> Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18 . . . . .	<b>a</b>				
	<b>b</b> Less direct expenses . . . . .	<b>b</b>				
<b>c</b> Net income or (loss) from fundraising events . . . . .						
<b>9a</b> Gross income from gaming activities See Part IV, line 19 . . . . .	<b>a</b>					
<b>b</b> Less direct expenses . . . . .	<b>b</b>					
<b>c</b> Net income or (loss) from gaming activities . . . . .						
<b>10a</b> Gross sales of inventory, less returns and allowances . . . . .	<b>a</b>	27,635				
	<b>b</b> Less cost of goods sold . . . . .	<b>b</b>	0			
	<b>c</b> Net income or (loss) from sales of inventory . . . . .		27,635	27,635		
Miscellaneous Revenue	<b>Business Code</b>					
<b>11a</b> HOTEL REIMBURSEMENT	900099	461,345		461,345		
<b>b</b> ADVERTISING	541800	433,097	433,097			
<b>c</b> OTHER REVENUE	900099	320,711		82,096		
<b>d</b> All other revenue . . . . .						
<b>e Total.</b> Add lines 11a-11d . . . . .		1,215,153				
<b>12 Total revenue.</b> See Instructions . . . . .		11,690,515	6,126,918	515,193	3,921,238	

**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

	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
<b>Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.</b>				
<b>1</b> Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21.	45,635	45,635		
<b>2</b> Grants and other assistance to domestic individuals. See Part IV, line 22.	51,333	51,333		
<b>3</b> Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, line 15 and 16.	15,017	15,017		
<b>4</b> Benefits paid to or for members.				
<b>5</b> Compensation of current officers, directors, trustees, and key employees.	513,713	198,619	314,921	173
<b>6</b> Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B).				
<b>7</b> Other salaries and wages.	2,982,855	2,078,604	884,187	20,064
<b>8</b> Pension plan accruals and contributions (include section 401 (k) and 403(b) employer contributions).	165,946	108,313	56,676	957
<b>9</b> Other employee benefits.	617,475	403,026	210,890	3,559
<b>10</b> Payroll taxes.	269,859	176,137	92,167	1,555
<b>11</b> Fees for services (non-employees)				
<b>a</b> Management.				
<b>b</b> Legal.	8,296		8,296	
<b>c</b> Accounting.	17,436		17,436	
<b>d</b> Lobbying.				
<b>e</b> Professional fundraising services. See Part IV, line 17.				
<b>f</b> Investment management fees.	10,025		10,025	
<b>g</b> Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O).	378,699	227,238	151,461	
<b>12</b> Advertising and promotion.	116,180	116,180		
<b>13</b> Office expenses.	105,061	83,619	21,442	
<b>14</b> Information technology.	238,546	224,703	13,843	
<b>15</b> Royalties.				
<b>16</b> Occupancy.	128,906	65,742	63,164	
<b>17</b> Travel.	572,087	519,815	52,272	
<b>18</b> Payments of travel or entertainment expenses for any federal, state, or local public officials.				
<b>19</b> Conferences, conventions, and meetings.	1,631,332	1,631,332		
<b>20</b> Interest.				
<b>21</b> Payments to affiliates.				
<b>22</b> Depreciation, depletion, and amortization.	220,819	112,618	108,201	
<b>23</b> Insurance.	22,147	22,147		
<b>24</b> 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.)				
<b>a</b> FOOD AND BEVERAGE	837,797	804,230	33,567	
<b>b</b> EQUIPMENT RENTAL	694,817	693,210	1,607	
<b>c</b> PRINTING AND PUBLICATIO	324,361	321,915	2,446	
<b>d</b> BANK CHARGES	264,388	144,678	119,710	
<b>e</b> All other expenses	734,134	638,283	95,851	
<b>25</b> Total functional expenses. Add lines 1 through 24e.	10,966,864	8,682,394	2,258,162	26,308
<b>26</b> Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720).				

**Part X Balance Sheet**

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

		(A) Beginning of year		(B) End of year
<b>Assets</b>	<b>1</b> Cash—non-interest-bearing . . . . .		<b>1</b>	
	<b>2</b> Savings and temporary cash investments . . . . .	3,051,631	<b>2</b>	2,495,541
	<b>3</b> Pledges and grants receivable, net . . . . .		<b>3</b>	
	<b>4</b> Accounts receivable, net . . . . .	550,757	<b>4</b>	955,937
	<b>5</b> Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees Complete Part II of Schedule L		<b>5</b>	
	<b>6</b> 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		<b>6</b>	
	<b>7</b> Notes and loans receivable, net . . . . .		<b>7</b>	
	<b>8</b> Inventories for sale or use . . . . .		<b>8</b>	
	<b>9</b> Prepaid expenses and deferred charges . . . . .	191,148	<b>9</b>	266,559
	<b>10a</b> Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D	5,634,785		
	<b>b</b> Less accumulated depreciation	3,960,697	1,679,208	1,674,088
	<b>11</b> Investments—publicly traded securities . . . . .	6,764,240	<b>11</b>	8,340,059
	<b>12</b> Investments—other securities See Part IV, line 11 . . . . .		<b>12</b>	
	<b>13</b> Investments—program-related See Part IV, line 11 . . . . .		<b>13</b>	
	<b>14</b> Intangible assets . . . . .		<b>14</b>	
	<b>15</b> Other assets See Part IV, line 11 . . . . .		<b>15</b>	
<b>16 Total assets.</b> Add lines 1 through 15 (must equal line 34) . . . . .	12,236,984	<b>16</b>	13,732,184	
<b>Liabilities</b>	<b>17</b> Accounts payable and accrued expenses . . . . .	1,407,663	<b>17</b>	1,479,629
	<b>18</b> Grants payable . . . . .		<b>18</b>	
	<b>19</b> Deferred revenue . . . . .	458,996	<b>19</b>	432,789
	<b>20</b> Tax-exempt bond liabilities . . . . .		<b>20</b>	
	<b>21</b> Escrow or custodial account liability Complete Part IV of Schedule D		<b>21</b>	
	<b>22</b> 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 . . . . .		<b>22</b>	
	<b>23</b> Secured mortgages and notes payable to unrelated third parties . . . . .		<b>23</b>	
	<b>24</b> Unsecured notes and loans payable to unrelated third parties . . . . .		<b>24</b>	
	<b>25</b> 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	0	<b>25</b>	500,000
	<b>26 Total liabilities.</b> Add lines 17 through 25 . . . . .	1,866,659	<b>26</b>	2,412,418
<b>Net Assets or Fund Balances</b>	<b>27 Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.</b> Unrestricted net assets	9,854,412	<b>27</b>	10,660,865
	<b>28</b> Temporarily restricted net assets . . . . .	65,913	<b>28</b>	108,901
	<b>29</b> Permanently restricted net assets	450,000	<b>29</b>	550,000
	<b>30 Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.</b> Capital stock or trust principal, or current funds . . . . .		<b>30</b>	
	<b>31</b> Paid-in or capital surplus, or land, building or equipment fund . . . . .		<b>31</b>	
	<b>32</b> Retained earnings, endowment, accumulated income, or other funds		<b>32</b>	
	<b>33 Total net assets or fund balances . . . . .</b>	10,370,325	<b>33</b>	11,319,766
	<b>34 Total liabilities and net assets/fund balances . . . . .</b>	12,236,984	<b>34</b>	13,732,184

**Part XI Reconciliation of Net Assets**

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

<b>1</b>	Total revenue (must equal Part VIII, column (A), line 12) . . . . .	<b>1</b>	11,690,515
<b>2</b>	Total expenses (must equal Part IX, column (A), line 25) . . . . .	<b>2</b>	10,966,864
<b>3</b>	Revenue less expenses Subtract line 2 from line 1 . . . . .	<b>3</b>	723,651
<b>4</b>	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A)) . . . . .	<b>4</b>	10,370,325
<b>5</b>	Net unrealized gains (losses) on investments . . . . .	<b>5</b>	225,790
<b>6</b>	Donated services and use of facilities . . . . .	<b>6</b>	
<b>7</b>	Investment expenses . . . . .	<b>7</b>	
<b>8</b>	Prior period adjustments . . . . .	<b>8</b>	
<b>9</b>	Other changes in net assets or fund balances (explain in Schedule O) . . . . .	<b>9</b>	0
<b>10</b>	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	<b>10</b>	11,319,766

**Part XII Financial Statements and Reporting**

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

	Yes	No
<p><b>1</b> Accounting method used to prepare the Form 990 <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____</p> <p>If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O</p>		
<p><b>2a</b> Were the organization's financial statements compiled or reviewed by an independent accountant?</p> <p>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</p> <p><input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis</p>		No
<p><b>b</b> Were the organization's financial statements audited by an independent accountant?</p> <p>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</p> <p><input checked="" type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis</p>	Yes	
<p><b>c</b> 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?</p> <p>If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O</p>	Yes	
<p><b>3a</b> 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?</p>		No
<p><b>b</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</p>		

## Additional Data

**Software ID:**

**Software Version:**

**EIN:** 31-1037979

**Name:** MATERIALS RESEARCH SOCIETY

Form 990 (2016)

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**Form 990, Part III, Line 4a:**

SYMPOSIA AND MEETINGS SPONSOR INTERDISCIPLINARY MEETINGS OF INTEREST TO THE MATERIALS SCIENCE COMMUNITY

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**Form 990, Part III, Line 4b:**

SUBSCRIPTIONS AND PUBLICATIONS TO FURTHER INTERDISCIPLINARY COMMUNICATION AND EDUCATION IN MATERIALS SCIENCE

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**Form 990, Part III, Line 4c:**

MEMBERSHIP TO FOSTER INTERACTION BETWEEN THOSE WORKING IN FIELDS OF MATERIALS SCIENCE

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**Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors**

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
ANKE WEIDENKAFF ..... DIRECTOR	1 00 .....	X						0	0	0
CHARLES T BLACK ..... DIRECTOR	1 00 .....	X						0	0	0
ALEXANDRA BOLTASSEVA ..... DIRECTOR	1 00 .....	X						0	0	0
C JEFFREY BRINKER ..... DIRECTOR	1 00 .....	X						0	0	0
MATT COPEL ..... DIRECTOR	1 00 .....	X						0	0	0
PAUL S DRZAIC ..... DIRECTOR	1 00 .....	X						0	0	0
YURY GOGOTSI ..... DIRECTOR	1 00 .....	X						0	0	0
HIDEO HOSONO ..... DIRECTOR	1 00 .....	X						0	0	0
YOUNG-CHANG JOO ..... DIRECTOR	1 00 .....	X						0	0	0
KAREN L KAVANAGH ..... DIRECTOR	1 00 .....	X						0	0	0

**Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors**

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
KORNELIUS NIELSCH ..... DIRECTOR	1 00 .....	X						0	0	0
CHRISTINE ORTIZ ..... DIRECTOR	1 00 .....	X						0	0	0
SABRINA SARTORI ..... DIRECTOR	1 00 .....	X						0	0	0
MAGALY SPECTOR ..... DIRECTOR	1 00 .....	X						0	0	0
LOUCAS TSAKALAKOS ..... DIRECTOR	1 00 .....	X						0	0	0
DAVID J PARRILLO ..... TREASURER	1 00 .....	X		X				0	0	0
SEAN J HEARNE ..... SECRETARY	1 00 .....	X		X				0	0	0
SUSAN TROLIER-MCKINSTRY ..... VICE PRESIDENT	1 00 .....	X		X				0	0	0
OLIVER KRAFT ..... BOARD PAST PRESIDENT	1 00 .....	X		X				0	0	0
KRISTI S ANSETH ..... BOARD PRESIDENT	1 00 .....	X		X				0	0	0

**Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors**

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
TODD M OSMAN ..... EXECUTIVE DIRECTOR	40 00 .....			X				295,880	0	38,618
J ARDIE DILLEN ..... DIRECTOR OF FINANCE AND ADMINISTRATION	40 00 .....			X				157,094	0	22,120
PATRICIA A HASTINGS ..... DIRECTOR OF MEETINGS ACTIVITIES	40 00 .....					X		150,115	0	22,745
EILEEN KILEY ..... DIRECTOR OF COMMUNICATIONS	40 00 .....					X		132,445	0	10,482
DAMON DOZIER ..... DIRECTOR OF GOVERNMENT AFFAIRS	40 00 .....					X		126,560	0	18,690
JEFFREY HAMIDI ..... MANAGER OF INFORMATION SYSTEMS & DEVELOPMENT	40 00 .....					X		115,404	0	9,646
MARY KAUFOLD ..... ADVERTISING AND EXHIBITS, MANAGER	40 00 .....					X		107,702	0	14,986

**SCHEDULE A**  
**(Form 990 or 990-EZ)**

**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](http://www.irs.gov/form990).

**2016**

**Open to Public Inspection**

Department of the Treasury  
Internal Revenue Service

Name of the organization  
MATERIALS RESEARCH SOCIETY

Employer identification number

31-1037979

**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 12, 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 (Form 990 or 990-EZ))
- 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  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 agricultural research organization described in **170(b)(1)(A)(ix)** operated in conjunction with a land-grant college or university or a non-land grant college of agriculture See instructions Enter the name, city, and state of the college or university \_\_\_\_\_
- 10  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 )
- 11  An organization organized and operated exclusively to test for public safety See **section 509(a)(4)**.
- 12  An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in **section 509(a)(1)** or **section 509(a)(2)**. See **section 509(a)(3)**. Check the box in lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g
  - a  **Type I.** A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization **You must complete Part IV, Sections A and B.**
  - b  **Type II.** A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s) **You must complete Part IV, Sections A and C.**
  - c  **Type III functionally integrated.** A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions) **You must complete Part IV, Sections A, D, and E.**
  - d  **Type III non-functionally integrated.** A supporting organization operated in connection with its supported organization(s) that is not functionally integrated The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions) **You must complete Part IV, Sections A and D, and Part V.**
  - e  Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization
  - f Enter the number of supported organizations \_\_\_\_\_
  - g Provide the following information about the supported organization(s) \_\_\_\_\_

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1- 10 above (see instructions))	(iv) Is the organization listed in your governing document?		(v) Amount of monetary support (see instructions)	(vi) Amount of other support (see instructions)
			Yes	No		
<b>Total</b>						

**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, 8, or 9 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)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
<b>1</b> Gifts, grants, contributions, and membership fees received (Do not include any "unusual grant.")						
<b>2</b> Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
<b>3</b> The value of services or facilities furnished by a governmental unit to the organization without charge						
<b>4 Total.</b> Add lines 1 through 3						
<b>5</b> 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)						
<b>6 Public support.</b> Subtract line 5 from line 4						

**Section B. Total Support**

Calendar year (or fiscal year beginning in) ▶	(a)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
<b>7</b> Amounts from line 4						
<b>8</b> Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
<b>9</b> Net income from unrelated business activities, whether or not the business is regularly carried on						
<b>10</b> Other income Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
<b>11 Total support.</b> Add lines 7 through 10						
<b>12</b> Gross receipts from related activities, etc (see instructions)					<b>12</b>	
<b>13 First five years.</b> 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 <b>stop here</b> . . . . . ▶ <input type="checkbox"/>						

**Section C. Computation of Public Support Percentage**

<b>14</b> Public support percentage for 2016 (line 6, column (f) divided by line 11, column (f))	<b>14</b>	
<b>15</b> Public support percentage for 2015 Schedule A, Part II, line 14	<b>15</b>	
<b>16a 33 1/3% support test—2016.</b> If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and <b>stop here.</b> The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
<b>b 33 1/3% support test—2015.</b> 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 <b>stop here.</b> The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
<b>17a 10%-facts-and-circumstances test—2016.</b> If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and <b>stop here.</b> Explain in Part VI how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
<b>b 10%-facts-and-circumstances test—2015.</b> If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and <b>stop here.</b> Explain in Part VI how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
<b>18 Private foundation.</b> If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions ▶ <input type="checkbox"/>		

**Part III Support Schedule for Organizations Described in Section 509(a)(2)**

(Complete only if you checked the box on line 10 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)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
<b>1</b> Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")	1,585,482	1,210,973	1,421,867	939,004	1,127,166	6,284,492
<b>2</b> 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	5,265,706	5,167,370	5,640,373	5,530,728	6,126,918	27,731,095
<b>3</b> Gross receipts from activities that are not an unrelated trade or business under section 513						
<b>4</b> Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
<b>5</b> The value of services or facilities furnished by a governmental unit to the organization without charge						
<b>6 Total.</b> Add lines 1 through 5	6,851,188	6,378,343	7,062,240	6,469,732	7,254,084	34,015,587
<b>7a</b> Amounts included on lines 1, 2, and 3 received from disqualified persons						0
<b>b</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						0
<b>c</b> Add lines 7a and 7b						0
<b>8 Public support.</b> (Subtract line 7c from line 6.)						34,015,587

**Section B. Total Support**

Calendar year (or fiscal year beginning in) ▶	(a)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
<b>9</b> Amounts from line 6	6,851,188	6,378,343	7,062,240	6,469,732	7,254,084	34,015,587
<b>10a</b> Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	1,485,708	1,507,039	1,783,094	1,708,393	1,702,255	8,186,489
<b>b</b> Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
<b>c</b> Add lines 10a and 10b	1,485,708	1,507,039	1,783,094	1,708,393	1,702,255	8,186,489
<b>11</b> Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
<b>12</b> Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)	755,042	834,881	902,706	605,544	754,258	3,852,431
<b>13 Total support.</b> (Add lines 9, 10c, 11, and 12.)	9,091,938	8,720,263	9,748,040	8,783,669	9,710,597	46,054,507
<b>14 First five years.</b> 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 <b>stop here</b> ▶ <input type="checkbox"/>						

**Section C. Computation of Public Support Percentage**

<b>15</b> Public support percentage for 2016 (line 8, column (f) divided by line 13, column (f))	<b>15</b>	73.860 %
<b>16</b> Public support percentage from 2015 Schedule A, Part III, line 15	<b>16</b>	73.650 %

**Section D. Computation of Investment Income Percentage**

<b>17</b> Investment income percentage for <b>2016</b> (line 10c, column (f) divided by line 13, column (f))	<b>17</b>	17.780 %
<b>18</b> Investment income percentage from <b>2015</b> Schedule A, Part III, line 17	<b>18</b>	17.250 %

**19a 33 1/3% support tests—2016.** 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—2015.** If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶

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

**Part IV Supporting Organizations**

(Complete only if you checked a box on line 12 of Part I. If you checked 12a of Part I, complete Sections A and B. If you checked 12b of Part I, complete Sections A and C. If you checked 12c of Part I, complete Sections A, D, and E. If you checked 12d of Part I, complete Sections A and D, and complete Part V.)

**Section A. All Supporting Organizations**

		Yes	No
<b>1</b>	Are all of the organization's supported organizations listed by name in the organization's governing documents? If "No," describe in <b>Part VI</b> how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.		
	<b>1</b>		
<b>2</b>	Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in <b>Part VI</b> how the organization determined that the supported organization was described in section 509(a)(1) or (2).		
	<b>2</b>		
<b>3a</b>	Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer (b) and (c) below.		
	<b>3a</b>		
<b>b</b>	Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in <b>Part VI</b> when and how the organization made the determination.		
	<b>3b</b>		
<b>c</b>	Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in <b>Part VI</b> what controls the organization put in place to ensure such use.		
	<b>3c</b>		
<b>4a</b>	Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes" and if you checked 12a or 12b in Part I, answer (b) and (c) below.		
	<b>4a</b>		
<b>b</b>	Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? If "Yes," describe in <b>Part VI</b> how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.		
	<b>4b</b>		
<b>c</b>	Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If "Yes," explain in <b>Part VI</b> what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.		
	<b>4c</b>		
<b>5a</b>	Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in <b>Part VI</b> , including (i) the names and EIN numbers of the supported organizations added, substituted, or removed, (ii) the reasons for each such action, (iii) the authority under the organization's organizing document authorizing such action, and (iv) how the action was accomplished (such as by amendment to the organizing document).		
	<b>5a</b>		
<b>b</b>	<b>Type I or Type II only.</b> Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
	<b>5b</b>		
<b>c</b>	<b>Substitutions only.</b> Was the substitution the result of an event beyond the organization's control?		
	<b>5c</b>		
<b>6</b>	Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? If "Yes," provide detail in <b>Part VI</b> .		
	<b>6</b>		
<b>7</b>	Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).		
	<b>7</b>		
<b>8</b>	Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).		
	<b>8</b>		
<b>9a</b>	Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? If "Yes," provide detail in <b>Part VI</b> .		
	<b>9a</b>		
<b>b</b>	Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? If "Yes," provide detail in <b>Part VI</b> .		
	<b>9b</b>		
<b>c</b>	Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? If "Yes," provide detail in <b>Part VI</b> .		
	<b>9c</b>		
<b>10a</b>	Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? If "Yes," answer line 10b below.		
	<b>10a</b>		
<b>b</b>	Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)		
	<b>10b</b>		

**Part IV Supporting Organizations** (continued)

		Yes	No
<b>11</b>	Has the organization accepted a gift or contribution from any of the following persons?		
<b>a</b>	A person who directly or indirectly controls, either alone or together with persons described in (b) and (c) below, the governing body of a supported organization?		
<b>b</b>	A family member of a person described in (a) above?		
<b>c</b>	A 35% controlled entity of a person described in (a) or (b) above? <i>If "Yes" to a, b, or c, provide detail in Part VI</i>		

**Section B. Type I Supporting Organizations**

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

**Section C. Type II Supporting Organizations**

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

**Section D. All Type III Supporting Organizations**

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

**Section E. Type III Functionally-Integrated Supporting Organizations**

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

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

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

**Section A - Adjusted Net Income**

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

**Section B - Minimum Asset Amount**

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

**Section C - Distributable Amount**

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

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

<b>Section D - Distributions</b>	<b>Current Year</b>
<b>1</b> Amounts paid to supported organizations to accomplish exempt purposes	
<b>2</b> Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	
<b>3</b> Administrative expenses paid to accomplish exempt purposes of supported organizations	
<b>4</b> Amounts paid to acquire exempt-use assets	
<b>5</b> Qualified set-aside amounts (prior IRS approval required)	
<b>6</b> Other distributions (describe in Part VI) See instructions	
<b>7 Total annual distributions.</b> Add lines 1 through 6	
<b>8</b> Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI) See instructions	
<b>9</b> Distributable amount for 2016 from Section C, line 6	
<b>10</b> Line 8 amount divided by Line 9 amount	

<b>Section E - Distribution Allocations (see instructions)</b>	<b>(i) Excess Distributions</b>	<b>(ii) Underdistributions Pre-2016</b>	<b>(iii) Distributable Amount for 2016</b>
<b>1</b> Distributable amount for 2016 from Section C, line 6			
<b>2</b> Underdistributions, if any, for years prior to 2016 (reasonable cause required--see instructions)			
<b>3</b> Excess distributions carryover, if any, to 2016			
<b>a</b>			
<b>b</b>			
<b>c</b> From 2013. . . . .			
<b>d</b> From 2014. . . . .			
<b>e</b> From 2015. . . . .			
<b>f Total</b> of lines 3a through e			
<b>g</b> Applied to underdistributions of prior years			
<b>h</b> Applied to 2016 distributable amount			
<b>i</b> Carryover from 2011 not applied (see instructions)			
<b>j</b> Remainder Subtract lines 3g, 3h, and 3i from 3f			
<b>4</b> Distributions for 2016 from Section D, line 7			
<b>\$</b>			
<b>a</b> Applied to underdistributions of prior years			
<b>b</b> Applied to 2016 distributable amount			
<b>c</b> Remainder Subtract lines 4a and 4b from 4			
<b>5</b> Remaining underdistributions for years prior to 2016, if any Subtract lines 3g and 4a from line 2 (if amount greater than zero, see instructions)			
<b>6</b> Remaining underdistributions for 2016 Subtract lines 3h and 4b from line 1 (if amount greater than zero, see instructions)			
<b>7 Excess distributions carryover to 2017.</b> Add lines 3j and 4c			
<b>8</b> Breakdown of line 7			
<b>a</b>			
<b>b</b> Excess from 2013. . . . .			
<b>c</b> Excess from 2014. . . . .			
<b>d</b> Excess from 2015. . . . .			
<b>e</b> Excess from 2016. . . . .			

**Part VI Supplemental Information.**

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

<b>Facts And Circumstances Test</b>

**990 Schedule A, Supplemental Information**

Return Reference	Explanation
SCHEDULE A, PART III, LINE 12, EXPLANATION OF OTHER INCOME	MAILING LIST RENTAL - 2012 AMOUNT \$ 300,492 2013 AMOUNT \$ 206,437 2014 AMOUNT \$ 216,250 2015 AMOUNT \$ 116,509 2016 AMOUNT \$ 124,691 OTHER REVENUE - 2012 AMOUNT \$ 175,209 2013 AMOUNT \$ 283,276 2014 AMOUNT \$ 214,260 2015 AMOUNT \$ 177,504 2016 AMOUNT \$ 101,424 ROYALTIES - HOTEL REIMBURSEMENT - 2012 AMOUNT \$ 242,229 2013 AMOUNT \$ 317,203 2014 AMOUNT \$ 274,491 2015 AMOUNT \$ 299,771 2016 AMOUNT \$ 461,345 REALIZED GAINS ON INVESTMENTS - 2012 AMOUNT \$ 37,112 2013 AMOUNT \$ 27,965 2014 AMOUNT \$ 197,705 2015 AMOUNT \$ 11,760 2016 AMOUNT \$ 66,798

Schedule A Form 990 of 990-E 2016

**SCHEDULE C**  
(Form 990 or 990-EZ)  
  
Department of the Treasury  
Internal Revenue Service

**Political Campaign and Lobbying Activities**

For Organizations Exempt From Income Tax Under section 501(c) and section 527  
 ▶ Complete if the organization is described below. ▶ Attach to Form 990 or Form 990-EZ.  
 ▶ Information about Schedule C (Form 990 or 990-EZ) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

OMB No 1545-0047

**2016**

**Open to Public Inspection**

**If the organization answered "Yes" on Form 990, Part IV, Line 3, or Form 990-EZ, Part V, line 46 (Political Campaign Activities), then**

- Section 501(c)(3) organizations Complete Parts I-A and B Do not complete Part I-C
- Section 501(c) (other than section 501(c)(3)) organizations Complete Parts I-A and C below Do not complete Part I-B
- Section 527 organizations Complete Part I-A only

**If the organization answered "Yes" on Form 990, Part IV, Line 4, or Form 990-EZ, Part VI, line 47 (Lobbying Activities), then**

- Section 501(c)(3) organizations that have filed Form 5768 (election under section 501(h)) Complete Part II-A Do not complete Part II-B
- Section 501(c)(3) organizations that have NOT filed Form 5768 (election under section 501(h)) Complete Part II-B Do not complete Part II-A

**If the organization answered "Yes" on Form 990, Part IV, Line 5 (Proxy Tax) (see separate instructions) or Form 990-EZ, Part V, line 35c (Proxy Tax) (see separate instructions), then**

- Section 501(c)(4), (5), or (6) organizations Complete Part III

Name of the organization MATERIALS RESEARCH SOCIETY	Employer identification number 31-1037979
--	--

**Part I-A Complete if the organization is exempt under section 501(c) or is a section 527 organization.**

**1** Provide a description of the organization's direct and indirect political campaign activities in Part IV

**2** Political expenditures ▶ \$ \_\_\_\_\_

**3** Volunteer hours \_\_\_\_\_

**Part I-B Complete if the organization is exempt under section 501(c)(3).**

**1** Enter the amount of any excise tax incurred by the organization under section 4955 ▶ \$ \_\_\_\_\_

**2** Enter the amount of any excise tax incurred by organization managers under section 4955 ▶ \$ \_\_\_\_\_

**3** If the organization incurred a section 4955 tax, did it file Form 4720 for this year?  Yes  No

**4a** Was a correction made?  Yes  No

**b** If "Yes," describe in Part IV

**Part I-C Complete if the organization is exempt under section 501(c), except section 501(c)(3).**

**1** Enter the amount directly expended by the filing organization for section 527 exempt function activities ▶ \$ \_\_\_\_\_

**2** Enter the amount of the filing organization's funds contributed to other organizations for section 527 exempt function activities ▶ \$ \_\_\_\_\_

**3** Total exempt function expenditures Add lines 1 and 2 Enter here and on Form 1120-POL, line 17b ▶ \$ \_\_\_\_\_

**4** Did the filing organization file Form 1120-POL for this year?  Yes  No

**5** Enter the names, addresses and employer identification number (EIN) of all section 527 political organizations to which the filing organization made payments For each organization listed, enter the amount paid from the filing organization's funds Also enter the amount of political contributions received that were promptly and directly delivered to a separate political organization, such as a separate segregated fund or a political action committee (PAC) If additional space is needed, provide information in Part IV

(a) Name	(b) Address	(c) EIN	(d) Amount paid from filing organization's funds If none, enter -0-	(e) Amount of political contributions received and promptly and directly delivered to a separate political organization If none, enter -0-
2				
3				
4				
5				
6				

**Part II-A Complete if the organization is exempt under section 501(c)(3) and filed Form 5768 (election under section 501(h)).**

**A** Check  if the filing organization belongs to an affiliated group (and list in Part IV each affiliated group member's name, address, EIN, expenses, and share of excess lobbying expenditures)

**B** Check  if the filing organization checked box A and "limited control" provisions apply

<b>Limits on Lobbying Expenditures</b> (The term "expenditures" means amounts paid or incurred.)		(a) Filing organization's totals	(b) Affiliated group totals												
<b>1a</b>	Total lobbying expenditures to influence public opinion (grass roots lobbying)	50,454													
<b>b</b>	Total lobbying expenditures to influence a legislative body (direct lobbying)	157,564													
<b>c</b>	Total lobbying expenditures (add lines 1a and 1b)	208,018													
<b>d</b>	Other exempt purpose expenditures	10,748,821													
<b>e</b>	Total exempt purpose expenditures (add lines 1c and 1d)	10,956,839													
<b>f</b>	Lobbying nontaxable amount Enter the amount from the following table in both columns	697,842													
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">If the amount on line 1e, column (a) or (b) is:</th> <th style="width: 50%;">The lobbying nontaxable amount is:</th> </tr> </thead> <tbody> <tr> <td>Not over \$500,000</td> <td>20% of the amount on line 1e</td> </tr> <tr> <td>Over \$500,000 but not over \$1,000,000</td> <td>\$100,000 plus 15% of the excess over \$500,000</td> </tr> <tr> <td>Over \$1,000,000 but not over \$1,500,000</td> <td>\$175,000 plus 10% of the excess over \$1,000,000</td> </tr> <tr> <td>Over \$1,500,000 but not over \$17,000,000</td> <td>\$225,000 plus 5% of the excess over \$1,500,000</td> </tr> <tr> <td>Over \$17,000,000</td> <td>\$1,000,000</td> </tr> </tbody> </table>		If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:	Not over \$500,000	20% of the amount on line 1e	Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000	Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000	Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000	Over \$17,000,000	\$1,000,000		
If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:														
Not over \$500,000	20% of the amount on line 1e														
Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000														
Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000														
Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000														
Over \$17,000,000	\$1,000,000														
<b>g</b>	Grassroots nontaxable amount (enter 25% of line 1f)	174,461													
<b>h</b>	Subtract line 1g from line 1a If zero or less, enter -0-	0													
<b>i</b>	Subtract line 1f from line 1c If zero or less, enter -0-	0													
<b>j</b>	If there is an amount other than zero on either line 1h or line 1i, did the organization file Form 4720 reporting section 4911 tax for this year?		<input type="checkbox"/> Yes <input type="checkbox"/> No												

**4-Year Averaging Period Under section 501(h)**

(Some organizations that made a section 501(h) election do not have to complete all of the five columns below. See the separate instructions for lines 2a through 2f.)

**Lobbying Expenditures During 4-Year Averaging Period**

Calendar year (or fiscal year beginning in)	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) Total
<b>2a</b> Lobbying nontaxable amount	681,857	699,828	663,487	697,842	2,743,014
<b>b</b> Lobbying ceiling amount (150% of line 2a, column (e))					4,114,521
<b>c</b> Total lobbying expenditures	262,558	274,706	203,222	208,018	948,504
<b>d</b> Grassroots nontaxable amount	170,464	174,957	165,872	174,461	685,754
<b>e</b> Grassroots ceiling amount (150% of line 2d, column (e))					1,028,631
<b>f</b> Grassroots lobbying expenditures	46,367	46,543	48,892	50,454	192,256

**Part II-B Complete if the organization is exempt under section 501(c)(3) and has NOT filed Form 5768 (election under section 501(h)).**

For each "Yes" response on lines 1a through 1i below, provide in Part IV a detailed description of the lobbying activity

	(a)		(b)
	Yes	No	Amount
<b>1</b> During the year, did the filing organization attempt to influence foreign, national, state or local legislation, including any attempt to influence public opinion on a legislative matter or referendum, through the use of			
<b>a</b> Volunteers?			
<b>b</b> Paid staff or management (include compensation in expenses reported on lines 1c through 1i)?			
<b>c</b> Media advertisements?			
<b>d</b> Mailings to members, legislators, or the public?			
<b>e</b> Publications, or published or broadcast statements?			
<b>f</b> Grants to other organizations for lobbying purposes?			
<b>g</b> Direct contact with legislators, their staffs, government officials, or a legislative body?			
<b>h</b> Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?			
<b>i</b> Other activities?			
<b>j</b> Total Add lines 1c through 1i			
<b>2a</b> Did the activities in line 1 cause the organization to be not described in section 501(c)(3)?			
<b>b</b> If "Yes," enter the amount of any tax incurred under section 4912			
<b>c</b> If "Yes," enter the amount of any tax incurred by organization managers under section 4912			
<b>d</b> If the filing organization incurred a section 4912 tax, did it file Form 4720 for this year?			

**Part III-A Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6).**

	Yes	No
<b>1</b> Were substantially all (90% or more) dues received nondeductible by members?	<b>1</b>	
<b>2</b> Did the organization make only in-house lobbying expenditures of \$2,000 or less?	<b>2</b>	
<b>3</b> Did the organization agree to carry over lobbying and political expenditures from the prior year?	<b>3</b>	

**Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered "No" OR (b) Part III-A, line 3, is answered "Yes."**

<b>1</b> Dues, assessments and similar amounts from members	<b>1</b>	
<b>2</b> Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid).	<b>2a</b>	
<b>a</b> Current year	<b>2b</b>	
<b>b</b> Carryover from last year	<b>2c</b>	
<b>c</b> Total	<b>3</b>	
<b>3</b> Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues	<b>4</b>	
<b>4</b> If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the excess does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and political expenditure next year?	<b>5</b>	
<b>5</b> Taxable amount of lobbying and political expenditures (see instructions)		

**Part IV Supplemental Information**

Provide the descriptions required for Part I-A, line 1, Part I-B, line 4, Part I-C, line 5, Part II-A (affiliated group list), Part II-A, lines 1 and 2 (see instructions), and Part II-B, line 1 Also, complete this part for any additional information

Return Reference	Explanation
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**SCHEDULE D**  
(Form 990)

**Supplemental Financial Statements**

OMB No 1545-0047

**2016**

**Open to Public Inspection**

▶ Complete if the organization answered "Yes," on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.  
▶ Attach to Form 990.

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

Department of the Treasury  
Internal Revenue Service

Name of the organization  
MATERIALS RESEARCH SOCIETY

Employer identification number  
31-1037979

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

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

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

1 Purpose(s) of conservation easements held by the organization (check all that apply)	<input type="checkbox"/> Preservation of land for public use (e g , recreation or education) <input type="checkbox"/> Preservation of an historically important land area <input type="checkbox"/> Protection of natural habitat <input type="checkbox"/> Preservation of a certified historic structure <input type="checkbox"/> Preservation of open space	
2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year	<b>Held at the End of the Year</b>	
a Total number of conservation easements	<b>2a</b>	
b Total acreage restricted by conservation easements	<b>2b</b>	
c Number of conservation easements on a certified historic structure included in (a)	<b>2c</b>	
d Number of conservation easements included in (c) acquired after 8/17/06, and not on a historic structure listed in the National Register	<b>2d</b>	
3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ▶ _____		
4 Number of states where property subject to conservation easement is located ▶ _____		
5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6 Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ▶ _____		
7 Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ▶ \$ _____		
8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
9 In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements		

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

1a If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items		
b If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items		
(i) Revenue included on Form 990, Part VIII, line 1	▶ \$ _____	
(ii) Assets included in Form 990, Part X	▶ \$ _____	
2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items		
a Revenue included on Form 990, Part VIII, line 1	▶ \$ _____	
b Assets included in Form 990, Part X	▶ \$ _____	

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

- 3** Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply)
- a**  Public exhibition
  - b**  Scholarly research
  - c**  Preservation for future generations
  - d**  Loan or exchange programs
  - e**  Other
- 4** Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII
- 5** During the year, did the organization solicit or receive donations of art, historical treasures or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection?  Yes  No

**Part IV Escrow and Custodial Arrangements.**

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

- 1a** Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X?  Yes  No
- b** If "Yes," explain the arrangement in Part XIII and complete the following table
- |   | Amount |
|---|--------|
| <b>1c</b> Beginning balance             |        |
| <b>1d</b> Additions during the year     |        |
| <b>1e</b> Distributions during the year |        |
| <b>1f</b> Ending balance                |        |
- 2a** Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability?  Yes  No
- b** If "Yes," explain the arrangement in Part XIII Check here if the explanation has been provided in Part XIII

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

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
<b>1a</b> Beginning of year balance . . . . .	450,000	425,000	425,000	425,000	400,000
<b>b</b> Contributions . . . . .	100,000	25,000			25,000
<b>c</b> Net investment earnings, gains, and losses					
<b>d</b> Grants or scholarships . . . . .					
<b>e</b> Other expenditures for facilities and programs . . . . .					
<b>f</b> Administrative expenses . . . . .					
<b>g</b> End of year balance . . . . .	550,000	450,000	425,000	425,000	425,000

- 2** Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as
- a** Board designated or quasi-endowment ▶
  - b** Permanent endowment ▶ 100 000 %
  - c** Temporarily restricted endowment ▶
- The percentages on lines 2a, 2b, and 2c should equal 100%
- 3a** Are there endowment funds not in the possession of the organization that are held and administered for the organization by
- |  | Yes           | No |
|--|---------------|----|
| <b>(i)</b> unrelated organizations . . . . .   | <b>3a(i)</b>  | No |
| <b>(ii)</b> related organizations . . . . .  | <b>3a(ii)</b> | No |
| <b>b</b> If "Yes" on 3a(ii), are the related organizations listed as required on Schedule R? . . . . . | <b>3b</b>     |    |
- 4** Describe in Part XIII the intended uses of the organization's endowment funds

**Part VI Land, Buildings, and Equipment.**

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

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
<b>1a</b> Land . . . . .		329,014		329,014
<b>b</b> Buildings		2,235,933	1,342,181	893,752
<b>c</b> Leasehold improvements				
<b>d</b> Equipment . . . . .		3,069,838	2,618,516	451,322
<b>e</b> Other . . . . .				
<b>Total.</b> Add lines 1a through 1e (Column (d) must equal Form 990, Part X, column (B), line 10(c) ) . . . ▶				1,674,088

**Part VII Investments—Other Securities.** Complete if the organization answered 'Yes' on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation Cost or end-of-year market value
(1) Financial derivatives . . . . .		
(2) Closely-held equity interests . . . . .		
(3) Other _____		
(A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
<b>Total.</b> (Column (b) must equal Form 990, Part X, col (B) line 12 )		

**Part VIII Investments—Program Related.** Complete if the organization answered 'Yes' on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
<b>Total.</b> (Column (b) must equal Form 990, Part X, col (B) line 13 )		

**Part IX Other Assets.** Complete if the organization answered 'Yes' on Form 990, Part IV, line 11d See Form 990, Part X, line 15

(a) Description	(b) Book value
(1)	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
<b>Total.</b> (Column (b) must equal Form 990, Part X, col (B) line 15 )	

**Part X Other Liabilities.** Complete if the organization answered 'Yes' on Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25.

(a) Description of liability	(b) Book value
(1) Federal income taxes	
REFUNDABLE ADVANCE	500,000
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
<b>Total.</b> (Column (b) must equal Form 990, Part X, col (B) line 25 )	500,000

**2.** Liability for uncertain tax positions In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740) Check here if the text of the footnote has been provided in Part XIII

**Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return**

Complete if the organization answered 'Yes' on Form 990, Part IV, line 12a.

<b>1</b>	Total revenue, gains, and other support per audited financial statements . . . . .	<b>1</b>	11,906,280
<b>2</b>	Amounts included on line 1 but not on Form 990, Part VIII, line 12		
<b>a</b>	Net unrealized gains (losses) on investments . . . . .	<b>2a</b>	225,790
<b>b</b>	Donated services and use of facilities . . . . .	<b>2b</b>	
<b>c</b>	Recoveries of prior year grants . . . . .	<b>2c</b>	
<b>d</b>	Other (Describe in Part XIII) . . . . .	<b>2d</b>	-10,025
<b>e</b>	Add lines <b>2a</b> through <b>2d</b> . . . . .	<b>2e</b>	215,765
<b>3</b>	Subtract line <b>2e</b> from line <b>1</b> . . . . .	<b>3</b>	11,690,515
<b>4</b>	Amounts included on Form 990, Part VIII, line 12, but not on line <b>1</b> :		
<b>a</b>	Investment expenses not included on Form 990, Part VIII, line 7b . . . . .	<b>4a</b>	
<b>b</b>	Other (Describe in Part XIII) . . . . .	<b>4b</b>	
<b>c</b>	Add lines <b>4a</b> and <b>4b</b> . . . . .	<b>4c</b>	0
<b>5</b>	Total revenue. Add lines <b>3</b> and <b>4c</b> . (This must equal Form 990, Part I, line 12) . . . . .	<b>5</b>	11,690,515

**Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.**

Complete if the organization answered 'Yes' on Form 990, Part IV, line 12a.

<b>1</b>	Total expenses and losses per audited financial statements . . . . .	<b>1</b>	10,956,839
<b>2</b>	Amounts included on line 1 but not on Form 990, Part IX, line 25		
<b>a</b>	Donated services and use of facilities . . . . .	<b>2a</b>	
<b>b</b>	Prior year adjustments . . . . .	<b>2b</b>	
<b>c</b>	Other losses . . . . .	<b>2c</b>	
<b>d</b>	Other (Describe in Part XIII) . . . . .	<b>2d</b>	-10,025
<b>e</b>	Add lines <b>2a</b> through <b>2d</b> . . . . .	<b>2e</b>	-10,025
<b>3</b>	Subtract line <b>2e</b> from line <b>1</b> . . . . .	<b>3</b>	10,966,864
<b>4</b>	Amounts included on Form 990, Part IX, line 25, but not on line <b>1</b> :		
<b>a</b>	Investment expenses not included on Form 990, Part VIII, line 7b . . . . .	<b>4a</b>	
<b>b</b>	Other (Describe in Part XIII) . . . . .	<b>4b</b>	
<b>c</b>	Add lines <b>4a</b> and <b>4b</b> . . . . .	<b>4c</b>	0
<b>5</b>	Total expenses. Add lines <b>3</b> and <b>4c</b> . (This must equal Form 990, Part I, line 18) . . . . .	<b>5</b>	10,966,864

**Part XIII Supplemental Information**

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

Return Reference	Explanation
See Additional Data Table	



## Additional Data

**Software ID:**

**Software Version:**

**EIN:** 31-1037979

**Name:** MATERIALS RESEARCH SOCIETY

## Supplemental Information

Return Reference	Explanation
PART V, LINE 4	A QUASI-ENDOWMENT FOR THE PURPOSE OF ESTABLISHING A GRADUATE STUDENT, MATERIALS CHARACTERIZATION, MATERIALS THEORY, MID CAREER RESEARCHER, AND MRS MEDAL AWARDS A PORTION OF THE FUNDS ALSO RELATE TO THE DAVID TURNBULL LECTURESHIP FUND WHICH WAS ESTABLISHED TO RECOGNIZE THE CAREER OF A SCIENTIST WHO MADE OUTSTANDING CONTRIBUTIONS IN THE AREA OF MATERIALS RESEARCH

## Supplemental Information

Return Reference	Explanation
PART XI, LINE 2D - OTHER ADJUSTMENTS	MANAGEMENT FEES -10,025

## Supplemental Information

Return Reference	Explanation
PART XII, LINE 2D - OTHER ADJUSTMENTS	MANAGEMENT FEES -10,025

**SCHEDULE F  
(Form 990)**  
  
Department of the Treasury  
Internal Revenue Service

# Statement of Activities Outside the United States

▶ Complete if the organization answered "Yes" to Form 990,  
Part IV, line 14b, 15, or 16.  
▶ Attach to Form 990. ▶ See separate instructions.  
▶ Information about Schedule F (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

OMB No 1545-0047  
  
**2016**  
  
**Open to Public  
Inspection**

Name of the organization  
**MATERIALS RESEARCH SOCIETY**

**Employer identification number**  
  
31-1037979

**Part I** **General Information on Activities Outside the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 14b.

**1 For grantmakers.** Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance?  Yes  No

**2 For grantmakers.** Describe in Part V the organization's procedures for monitoring the use of its grants and other assistance outside the United States

**3** Activities per Region (The following Part I, line 3 table can be duplicated if additional space is needed )

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in region	(d) Activities conducted in region (by type) (e.g., fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for and investments in region
( 1 )					
( 2 )					
( 3 )					
( 4 )					
( 5 )					
<b>3a</b> Sub-total	0	0			0
<b>b</b> Total from continuation sheets to Part I	0	0			0
<b>c Totals</b> (add lines 3a and 3b)	0	0			0

**Part II Grants and Other Assistance to Organizations or Entities Outside the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 15, for any recipient who received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
( 1 )		EUROPE (INCLUDING ICELAND & GREENLAND) - ALBANIA, ANDORRA, AUSTRIA, BELGIUM	RESEARCH	9,500	CHECK			
( 2 )								
( 3 )								
( 4 )								

2 Enter total number of recipient organizations listed above that are recognized as charities by the foreign country, recognized as tax-exempt by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter . . . . . ▶ \_\_\_\_\_

3 Enter total number of other organizations or entities . . . . . ▶ \_\_\_\_\_

**Part III Grants and Other Assistance to Individuals Outside the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 16.

Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
( 1) AWARDS	EAST ASIA AND PACIFIC	1	2,000	CHECK			
( 2) AWARDS	EUROPE (INCLUDING ICELAND & GREENLAND)	1	1,667	CHECK			
( 3)							
( 4)							
( 5)							
( 6)							
( 7)							
( 8)							
( 9)							
( 10)							
( 11)							
( 12)							
( 13)							
( 14)							
( 15)							
( 16)							
( 17)							
( 18)							

**Part IV Foreign Forms**

- 1 Was the organization a U S transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926, Return by a U S Transferor of Property to a Foreign Corporation (see Instructions for Form 926)*  Yes  No
- 2 Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to separately file Form 3520, Annual Return to Report Transactions with Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U S Owner (see Instructions for Forms 3520 and 3520-A)*  Yes  No
- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U S Persons with Respect to Certain Foreign Corporations (see Instructions for Form 5471)*  Yes  No
- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621)*  Yes  No
- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U S Persons with Respect to Certain Foreign Partnerships (see Instructions for Form 8865)*  Yes  No
- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see Instructions for Form 5713)*  Yes  No

**Part V Supplemental Information**

Provide the information required by Part I, line 2 (monitoring of funds); Part I, line 3, column (f) (accounting method; amounts of investments vs. expenditures per region); Part II, line 1 (accounting method); Part III (accounting method); and Part III, column (c) (estimated number of recipients), as applicable. Also complete this part to provide any additional information (see instructions).

Return Reference	Explanation
PART I, LINE 2	THESE REPRESENT EITHER AWARD GRANTS FOR NOTABLE SERVICES AND ACCOMPLISHMENTS IN THE MATERIALS SCIENCE FIELD OR ARE HONORARIA FOR LECTURES AND ARE MADE WITHOUT RESTRICTION

Schedule I (Form 990)

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

OMB No 1545-0047

2016

Open to Public Inspection

Complete if the organization answered "Yes," on 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.

Department of the Treasury Internal Revenue Service

Name of the organization MATERIALS RESEARCH SOCIETY

Employer identification number

31-1037979

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

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on 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.

Table with 7 columns: (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, (g) Description of non-cash assistance, (h) Purpose of grant or assistance.

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

**Part III Grants and Other Assistance to Domestic Individuals.** Complete if the organization answered "Yes" on 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
See Additional Data Table					
(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.

Return Reference	Explanation
PART I, LINE 2	GRANT RECIPIENTS ARE SELECTED BASED ON PROJECT EVALUATION/SELECTION OR PAST NOTABLE SERVICES AND ACCOMPLISHMENTS TO THE MATERIALS RESEARCH FIELD GRANT RECIPIENTS ARE SELECTED BY SPECIFIED COMMITTEES AND OFTEN ARE SUBJECT TO BOARD APPROVAL

**Additional Data**

**Software ID:**  
**Software Version:**  
**EIN:** 31-1037979  
**Name:** MATERIALS RESEARCH SOCIETY

**Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.**

<b>(a)</b> Name and address of organization or government	<b>(b)</b> EIN	<b>(c)</b> IRC section if applicable	<b>(d)</b> Amount of cash grant	<b>(e)</b> Amount of non-cash assistance	<b>(f)</b> Method of valuation (book, FMV, appraisal, other)	<b>(g)</b> Description of non-cash assistance	<b>(h)</b> Purpose of grant or assistance
NEW YORK CITY COLLEGE OF TECHNOLOGY 16 COURT STREET SUITE 600 BROOKLYN, NY 11201	13-6400434	501C3	10,000				MRS FOUNDATION GRANT
JOHNS HOPKINS UNIVERSITY 3700 N CHARLES STREET BALTIMORE, MD 212182332	52-0595110	501C3	7,200				MRS FOUNDATION GRANT

**Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.**

<b>(a)</b> Name and address of organization or government	<b>(b)</b> EIN	<b>(c)</b> IRC section if applicable	<b>(d)</b> Amount of cash grant	<b>(e)</b> Amount of non-cash assistance	<b>(f)</b> Method of valuation (book, FMV, appraisal, other)	<b>(g)</b> Description of non-cash assistance	<b>(h)</b> Purpose of grant or assistance
COLORADO SCHOOL OF MINES 1500 ILLINOIS STREET GOLDEN, CO 80401	84-6000551	501C3	8,010				MRS FOUNDATION GRANT
THE PENNSYLVANIA STATE UNIVERSITY DEPARTMENT OF MSE 304 STEIDLE BUILDING UNIVERSITY PARK, PA 163805006	24-6000376	501C3	7,500				MRS FOUNDATION GRANT

**Form 990, Schedule I, Part III, Grants and Other Assistance to Domestic Individuals.**

<b>(a)</b> Type of grant or assistance	<b>(b)</b> Number of recipients	<b>(c)</b> Amount of cash grant	<b>(d)</b> Amount of non-cash assistance	<b>(e)</b> Method of valuation (book, FMV, appraisal, other)	<b>(f)</b> Description of non-cash assistance
POST DOC AWARD	3	6,000			
MEDALS AWARD	1	5,000			
OUTSTANDING YOUNG INVESTIGATOR AWARD	2	10,000			
INNOVATION IN MATERIALS CHARACTERIZATION AWARD	2	3,333			
MID CAREER AWARD	1	5,000			

**Form 990, Schedule I, Part III, Grants and Other Assistance to Domestic Individuals.**

<b>(a)</b> Type of grant or assistance	<b>(b)</b> Number of recipients	<b>(c)</b> Amount of cash grant	<b>(d)</b> Amount of non-cash assistance	<b>(e)</b> Method of valuation (book, FMV, appraisal, other)	<b>(f)</b> Description of non-cash assistance
MATERIALS THEORY AWARD	1	5,000			
NOWICK AWARD	1	500			
KAVLI EARLY CAREER AWARD	1	1,000			
IMATSCI AWARD	1	500			
VON HIPPEL AWARD	1	10,000			

**Form 990, Schedule I, Part III, Grants and Other Assistance to Domestic Individuals.**

<b>(a)</b> Type of grant or assistance	<b>(b)</b> Number of recipients	<b>(c)</b> Amount of cash grant	<b>(d)</b> Amount of non-cash assistance	<b>(e)</b> Method of valuation (book, FMV, appraisal, other)	<b>(f)</b> Description of non-cash assistance
TURNBULL AWARD	1	5,000			

**Schedule J**  
(Form 990)

Department of the Treasury  
Internal Revenue Service

## Compensation Information

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

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 23.**  
▶ **Attach to Form 990.**  
▶ **Information about Schedule J (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).**

OMB No 1545-0047

# 2016

**Open to Public Inspection**

Name of the organization  
MATERIALS RESEARCH SOCIETY

Employer identification number  
31-1037979

**Part I Questions Regarding Compensation**

		Yes	No								
<p><b>1a</b> Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><input type="checkbox"/> First-class or charter travel</td> <td style="width: 50%; border: none;"><input type="checkbox"/> Housing allowance or residence for personal use</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Travel for companions</td> <td style="border: none;"><input type="checkbox"/> Payments for business use of personal residence</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Tax indemnification and gross-up payments</td> <td style="border: none;"><input type="checkbox"/> Health or social club dues or initiation fees</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Discretionary spending account</td> <td style="border: none;"><input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef)</td> </tr> </table>	<input type="checkbox"/> First-class or charter travel	<input type="checkbox"/> Housing allowance or residence for personal use	<input type="checkbox"/> Travel for companions	<input type="checkbox"/> Payments for business use of personal residence	<input type="checkbox"/> Tax indemnification and gross-up payments	<input type="checkbox"/> Health or social club dues or initiation fees	<input type="checkbox"/> Discretionary spending account	<input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef)			
<input type="checkbox"/> First-class or charter travel	<input type="checkbox"/> Housing allowance or residence for personal use										
<input type="checkbox"/> Travel for companions	<input type="checkbox"/> Payments for business use of personal residence										
<input type="checkbox"/> Tax indemnification and gross-up payments	<input type="checkbox"/> Health or social club dues or initiation fees										
<input type="checkbox"/> Discretionary spending account	<input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef)										
<p><b>b</b> If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain.</p>	<b>1b</b>										
<p><b>2</b> Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked in line 1a?</p>	<b>2</b>										
<p><b>3</b> Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><input checked="" type="checkbox"/> Compensation committee</td> <td style="width: 50%; border: none;"><input checked="" type="checkbox"/> Written employment contract</td> </tr> <tr> <td style="border: none;"><input checked="" type="checkbox"/> Independent compensation consultant</td> <td style="border: none;"><input checked="" type="checkbox"/> Compensation survey or study</td> </tr> <tr> <td style="border: none;"><input checked="" type="checkbox"/> Form 990 of other organizations</td> <td style="border: none;"><input checked="" type="checkbox"/> Approval by the board or compensation committee</td> </tr> </table>	<input checked="" type="checkbox"/> Compensation committee	<input checked="" type="checkbox"/> Written employment contract	<input checked="" type="checkbox"/> Independent compensation consultant	<input checked="" type="checkbox"/> Compensation survey or study	<input checked="" type="checkbox"/> Form 990 of other organizations	<input checked="" type="checkbox"/> Approval by the board or compensation committee					
<input checked="" type="checkbox"/> Compensation committee	<input checked="" type="checkbox"/> Written employment contract										
<input checked="" type="checkbox"/> Independent compensation consultant	<input checked="" type="checkbox"/> Compensation survey or study										
<input checked="" type="checkbox"/> Form 990 of other organizations	<input checked="" type="checkbox"/> Approval by the board or compensation committee										
<p><b>4</b> During the year, did any person listed on Form 990, Part VII, Section A, line 1a with respect to the filing organization or a related organization:</p> <p><b>a</b> Receive a severance payment or change-of-control payment?</p>	<b>4a</b>		No								
<p><b>b</b> Participate in, or receive payment from, a supplemental nonqualified retirement plan?</p>	<b>4b</b>	Yes									
<p><b>c</b> Participate in, or receive payment from, an equity-based compensation arrangement? If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.</p>	<b>4c</b>		No								
<p><b>Only 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.</b></p>											
<p><b>5</b> For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:</p> <p><b>a</b> The organization?</p>	<b>5a</b>		No								
<p><b>b</b> Any related organization? If "Yes," on line 5a or 5b, describe in Part III.</p>	<b>5b</b>		No								
<p><b>6</b> For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:</p> <p><b>a</b> The organization?</p>	<b>6a</b>		No								
<p><b>b</b> Any related organization? If "Yes," on line 6a or 6b, describe in Part III.</p>	<b>6b</b>		No								
<p><b>7</b> For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III.</p>	<b>7</b>		No								
<p><b>8</b> Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III.</p>	<b>8</b>		No								
<p><b>9</b> If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?</p>	<b>9</b>										



**Part III Supplemental Information**

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

Return Reference	Explanation
PART I, LINE 4B	EMPLOYER CONTRIBUTION TO 457(F) NON-QUALIFIED DEFERRED COMPENSATION AGREEMENT FOR THE YEAR ENDED 12/31/16 -TODD M OSMAN \$11,087

**SCHEDULE O**  
(Form 990 or 990-EZ)**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](http://www.irs.gov/form990).

**2016****Open to Public Inspection**

Department of the Treasury  
Internal Revenue Service

Name of the organization  
MATERIALS RESEARCH SOCIETY

Employer identification number

31-1037979

**990 Schedule O, Supplemental Information**

Return Reference	Explanation
FORM 990, PART VI, SECTION A, LINE 6	THE SOCIETY'S MEMBERS ELECT THE MEMBERS OF THE GOVERNING BODY AND APPROVE SIGNIFICANT DECISIONS OF THE GOVERNING BODY

**990 Schedule O, Supplemental Information**

<b>Return Reference</b>	<b>Explanation</b>
FORM 990, PART VI, SECTION A, LINE 7A	SOCIETY CONSISTS OF MORE THAN 14,000 MEMBERS FROM THE UNITED STATES OF AMERICA AND MORE THAN 90 OTHER COUNTRIES MEMBERS AND THE HEADQUARTERS STAFF WORK TOGETHER ENCOURAGING INTERDISCIPLINARY COMMUNICATION AND TECHNICAL INFORMATION EXCHANGE ACROSS THE VARIOUS FIELDS OF SCIENCE AFFECTING MATERIALS OF TECHNOLOGICAL IMPORTANCE

**990 Schedule O, Supplemental Information**

<b>Return Reference</b>	<b>Explanation</b>
FORM 990, PART VI, SECTION A, LINE 7A	MEMBERS OF THE SOCIETY ARE ENTITLED TO VOTE (A) FOR DIRECTORS, (B) FOR THE VICE PRESIDENT AND SECRETARY, (C) ON AMENDMENTS TO THE CONSTITUTION, (D) ON MEMBER-INITIATED REFERENDUMS RELATED TO BYLAWS ADOPTED OR CHANGED BY THE BOARD OF DIRECTORS, AND (E) ON PROPOSALS SUBMITTED BY MEMBERS TO REMOVE OFFICERS OR DIRECTORS

**990 Schedule O, Supplemental Information**

<b>Return Reference</b>	<b>Explanation</b>
FORM 990, PART VI, SECTION A, LINE 7B	MEMBERS VOTE TO ELECT THE BOARD OF DIRECTORS AND ON SELECTED MATTERS

# 990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 11B	THE BOARD HAS APPOINTED THE AUDIT COMMITTEE TO REVIEW THE 990 BEFORE SUBMISSION THE AUDIT COMMITTEE REPORTS BACK TO THE BOARD ON THE 990 THE 990 IS MADE AVAILABLE TO THE ENTIRE BOARD BEFORE SUBMISSION

# 990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 12C	EACH YEAR, DURING THE FALL BOARD MEETING EACH BOARD MEMBER IS REQUIRED TO COMPLETE A CONFLICT OF INTEREST POLICY ACKNOWLEDGMENT THE EMPLOYEE CONFLICT OF INTEREST POLICY IS INCLUDED IN THE EMPLOYEE HANDBOOK, WHICH REQUIRES A SIGNATURE OF ACKNOWLEDGMENT ON AN ANNUAL BASIS

**990 Schedule O, Supplemental Information**

<b>Return Reference</b>	<b>Explanation</b>
FORM 990, PART VI, SECTION B, LINE 15	ANNUAL COMPENSATION ADJUSTMENTS ARE BASED ON INDIVIDUAL PERFORMANCE, MARKET INFLUENCES AND THE FINANCIAL PERFORMANCE OF THE SOCIETY MARKET INFLUENCES INCLUDE, CPI INFORMATION, COMPARABILITY DATA FROM CONSULTANTS AND/OR BENCHMARK SURVEYS, INFORMATION FROM INDUSTRY WHERE APPLICABLE, AND COMPARABILITY RATIO METHOD ESTABLISHED IN PRIOR YEARS BY COMPENSATION CONSULTANTS ALL COMPENSATION ADJUSTMENTS FOR STAFF ARE APPROVED BY THE EXECUTIVE DIRECTOR WITH COMPARABILITY DATA AND COMPENSATION FOR TOP MANAGEMENT STAFF BEING REVIEWED BY THE GOVERNANCE COMMITTEE THE EXECUTIVE DIRECTOR'S COMPENSATION ADJUSTMENT IS SET BY THE BOARD OF DIRECTORS

**990 Schedule O, Supplemental Information**

<b>Return Reference</b>	<b>Explanation</b>
FORM 990, PART VI, SECTION C, LINE 19	GOVERNING DOCUMENTS ARE AVAILABLE ON THE MRS WEBSITE FINANCIAL STATEMENTS AND CONFLICT OF INTEREST POLICY ARE AVAILABLE UPON REQUEST FINANCIAL STATEMENT SUMMARY IS ON WEBSITE

**990 Schedule O, Supplemental Information**

<b>Return Reference</b>	<b>Explanation</b>
FORM 990, PART XII, LINE 2C	THE PROCESS HAS NOT CHANGED FROM THE PRIOR YEAR