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Form **990**  
 Department of the Treasury  
 Internal Revenue Service

**Return of Organization Exempt From Income Tax**  
**Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except black lung benefit trust or private foundation)**  
 The organization may have to use a copy of this return to satisfy state reporting requirements

OMB No 1545-0047  
**2012**  
**Open to Public Inspection**

**A For the 2012 calendar year, or tax year beginning 07-01-2012, 2012, and ending 06-30-2013**

<b>B</b> Check if applicable: <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	<b>C</b> Name of organization MATERIALS TECHNOLOGY INSTITUTE INC Doing Business As Number and street (or P.O. box if mail is not delivered to street address) Room/suite 1215 FERN RIDGE PARKWAY NO 206 City or town, state or country, and ZIP + 4 ST LOUIS, MO 63141 <b>F</b> Name and address of principal officer JAMES M MACKI 1215 FERN RIDGE PARKWAY NO 206 ST LOUIS, MO 63141	<b>D</b> Employer identification number 13-2892392 <b>E</b> Telephone number (314) 576-7712 <b>G</b> Gross receipts \$ 1,792,141
<b>I</b> Tax-exempt status: <input type="checkbox"/> 501(c)(3) <input checked="" type="checkbox"/> 501(c) ( 6 ) (insert no ) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527		<b>H(a)</b> Is this a group return for affiliates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>H(b)</b> Are all affiliates included? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list (see instructions) <b>H(c)</b> Group exemption number
<b>J</b> Website: WWW.MTI-GLOBAL.ORG		<b>L</b> Year of formation 1976 <b>M</b> State of legal domicile MO
<b>K</b> Form of organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other		

**Part I Summary**

<b>1</b>	Briefly describe the organization's mission or most significant activities COOPERATIVE RESEARCH PROJECTS		
<b>2</b>	Check this box <input type="checkbox"/> 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)	<b>3</b>	14
<b>4</b>	Number of independent voting members of the governing body (Part VI, line 1b)	<b>4</b>	14
<b>5</b>	Total number of individuals employed in calendar year 2012 (Part V, line 2a)	<b>5</b>	13
<b>6</b>	Total number of volunteers (estimate if necessary)	<b>6</b>	0
<b>7a</b>	Total unrelated business revenue from Part VIII, column (C), line 12	<b>7a</b>	35,577
<b>b</b>	Net unrelated business taxable income from Form 990-T, line 34	<b>7b</b>	0
		<b>Prior Year</b>	<b>Current Year</b>
<b>8</b>	Contributions and grants (Part VIII, line 1h)	0	0
<b>9</b>	Program service revenue (Part VIII, line 2g)	1,624,135	1,714,806
<b>10</b>	Investment income (Part VIII, column (A), lines 3, 4, and 7d)	56,156	29,164
<b>11</b>	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	9,327	35,577
<b>12</b>	Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)	1,689,618	1,779,547
<b>13</b>	Grants and similar amounts paid (Part IX, column (A), lines 1–3)	0	10,000
<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)	924,170	956,944
<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) <sup>0</sup>		
<b>17</b>	Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e)	921,754	1,160,201
<b>18</b>	Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)	1,845,924	2,127,145
<b>19</b>	Revenue less expenses Subtract line 18 from line 12	-156,306	-347,598
		<b>Beginning of Current Year</b>	<b>End of Year</b>
<b>20</b>	Total assets (Part X, line 16)	3,068,405	2,877,144
<b>21</b>	Total liabilities (Part X, line 26)	950,623	1,106,960
<b>22</b>	Net assets or fund balances Subtract line 21 from line 20	2,117,782	1,770,184

**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.

<b>Sign Here</b>	***** Signature of officer	2013-09-18 Date
	JAMES M MACKI EXECUTIVE DIRECTOR Type or print name and title	

<b>Paid Preparer Use Only</b>	Prnt/Type preparer's name MARK MERSMANN CPA	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN P00279124
	Firm's name <b>KIEFER BONFANTI &amp; CO LLP</b>			Firm's EIN <b>43-1061959</b>	
	Firm's address <b>701 EMERSON ROAD SUITE 201 ST LOUIS, MO 631416741</b>			Phone no <b>(314) 812-1100</b>	

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

**Part III Statement of Program Service Accomplishments**

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

**1** Briefly describe the organization's mission  
COOPERATIVE RESEARCH PROJECTS

**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 \$ 2,127,145 including grants of \$ ) (Revenue \$ 1,713,751 )  
MTI REPRESENTS PRIVATE INDUSTRY TO CONDUCT GENERIC NON-PROPRIETARY STUDIES ON THE DETERIORATION OF MATERIALS AND EQUIPMENT USED IN THE CHEMICAL PROCESS INDUSTRIES ANNUALLY, VARIOUS PROJECTS ARE STARTED, COMPLETED AND UPDATED FOR THIS PURPOSE

**4b** (Code ) (Expenses \$ including grants of \$ ) (Revenue \$ )

**4c** (Code ) (Expenses \$ including grants of \$ ) (Revenue \$ )

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

**4e Total program service expenses** 2,127,145

**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)? <i>If "Yes," complete Schedule A</i> . . . . .		No
<b>2</b>	Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> (see instructions)? . . . . .		No
<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? <i>If "Yes," complete Schedule C, Part I</i> . . . . .		No
<b>4</b>	<b>Section 501(c)(3) organizations.</b> Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? <i>If "Yes," complete Schedule C, Part II</i> . . . . .		
<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? <i>If "Yes," complete Schedule C, Part III</i> . . . . .		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? <i>If "Yes," complete Schedule D, Part I</i> <input checked="" type="checkbox"/> . . . . .		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? <i>If "Yes," complete Schedule D, Part II</i> <input checked="" type="checkbox"/> . . . . .		No
<b>8</b>	Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III</i> <input checked="" type="checkbox"/> . . . . .		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? <i>If "Yes," complete Schedule D, Part IV</i> <input checked="" type="checkbox"/> . . . . .		No
<b>10</b>	Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? <i>If "Yes," complete Schedule D, Part V</i> <input checked="" type="checkbox"/> . . . . .		No
<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? <i>If "Yes," complete Schedule D, Part VI</i> <input checked="" type="checkbox"/> . . . . .	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? <i>If "Yes," complete Schedule D, Part VII</i> <input checked="" type="checkbox"/> . . . . .		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? <i>If "Yes," complete Schedule D, Part VIII</i> <input checked="" type="checkbox"/> . . . . .		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? <i>If "Yes," complete Schedule D, Part IX</i> <input checked="" type="checkbox"/> . . . . .		No
<b>e</b>	Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X</i> <input checked="" type="checkbox"/> . . . . .		No
<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)? <i>If "Yes," complete Schedule D, Part X</i> <input checked="" type="checkbox"/> . . . . .		No
<b>12a</b>	Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI and XII</i> <input checked="" type="checkbox"/> . . . . .	Yes	
<b>b</b>	Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional</i> <input checked="" type="checkbox"/> . . . . .		No
<b>13</b>	Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E</i> . . . . .		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? <i>If "Yes," complete Schedule F, Parts I and IV</i> . . . . .		No
<b>15</b>	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or assistance to any organization or entity located outside the United States? <i>If "Yes," complete Schedule F, Parts II and IV</i> . . . . .		No
<b>16</b>	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or assistance to individuals located outside the United States? <i>If "Yes," complete Schedule F, Parts III and IV</i> . . . . .		No
<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? <i>If "Yes," complete Schedule G, Part I (see instructions)</i> . . . . .		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? <i>If "Yes," complete Schedule G, Part II</i> . . . . .		No
<b>19</b>	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III</i> . . . . .		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?		

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

<p><b>21</b> Did the organization report more than \$5,000 of grants and other assistance to any government or organization in the United States on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i> . . . . .</p>	<p><b>21</b></p>		<p>No</p>
<p><b>22</b> Did the organization report more than \$5,000 of grants and other assistance to individuals in the United States on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i> . . . . .</p>	<p><b>22</b></p>	<p>Yes</p>	
<p><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> . . . . .</p>	<p><b>23</b></p>		<p>No</p>
<p><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 25</i> . . . . .</p>	<p><b>24a</b></p>		<p>No</p>
<p><b>b</b> Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception? . . . . .</p>	<p><b>24b</b></p>		
<p><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? . . . . .</p>	<p><b>24c</b></p>		
<p><b>d</b> Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year? . . . . .</p>	<p><b>24d</b></p>		
<p><b>25a Section 501(c)(3) and 501(c)(4) organizations.</b> Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i> . . . . .</p>	<p><b>25a</b></p>		
<p><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> . . . . .</p>	<p><b>25b</b></p>		
<p><b>26</b> Was a loan to or by a current or former officer, director, trustee, key employee, highest compensated employee, or disqualified person outstanding as of the end of the organization's tax year? <i>If "Yes," complete Schedule L, Part II</i> . . . . .</p>	<p><b>26</b></p>		<p>No</p>
<p><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> . . . . .</p>	<p><b>27</b></p>		<p>No</p>
<p><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)</p>			
<p><b>a</b> A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i> . . . . .</p>	<p><b>28a</b></p>		<p>No</p>
<p><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> . . . . .</p>	<p><b>28b</b></p>		<p>No</p>
<p><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> . . . . .</p>	<p><b>28c</b></p>		<p>No</p>
<p><b>29</b> Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i> . . . . .</p>	<p><b>29</b></p>		<p>No</p>
<p><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> . . . . .</p>	<p><b>30</b></p>		<p>No</p>
<p><b>31</b> Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i> . . . . .</p>	<p><b>31</b></p>		<p>No</p>
<p><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> . . . . .</p>	<p><b>32</b></p>		<p>No</p>
<p><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> . . . . .</p>	<p><b>33</b></p>		<p>No</p>
<p><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> . . . . .</p>	<p><b>34</b></p>		<p>No</p>
<p><b>35a</b> Did the organization have a controlled entity within the meaning of section 512(b)(13)?</p>	<p><b>35a</b></p>		<p>No</p>
<p><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> . . . . .</p>	<p><b>35b</b></p>		
<p><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> . . . . .</p>	<p><b>36</b></p>		
<p><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></p>	<p><b>37</b></p>		<p>No</p>
<p><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 . . . . .</p>	<p><b>38</b></p>	<p>Yes</p>	

**Part V Statements Regarding Other IRS Filings and Tax Compliance**

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

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

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

Check if Schedule O contains a response to any question 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 (14); 1b Enter the number of voting members included in line 1a, above, who are independent (14); 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? (No); 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? (No); 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? (No); 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); 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

- 17 List the States with which a copy of this Form 990 is required to be filed; 18 Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply: [ ] 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, physical address, and telephone number of the person who possesses the books and records of the organization: MATERIALS TECHNOLOGY INSTITUTE 1215 FERN RIDGE PKWY ST LOUIS, MO (314) 576-7712

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

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

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

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

• List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation Enter -0- in columns (D), (E), and (F) if no compensation was paid

• List all of the organization's **current** key employees, if any See instructions for definition of "key employee "

• List the organization's five **current** highest compensated employees (other than an officer, director, trustee or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations

• List all of the organization's **former** officers, key employees, or highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations

• List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations

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

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

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(1) DAVID BARBER DIRECTOR	1 00	X					0	0	0	
(2) EILEEN CHANT DIRECTOR	1 00	X					0	0	0	
(3) DALE HEFFNER DIRECTOR	1 00	X					0	0	0	
(4) SRINI KESAVAN DIRECTOR	1 00	X					0	0	0	
(5) ELGENE LIENING DIRECTOR	1 00	X					0	0	0	
(6) PAUL MANNING DIRECTOR	1 00	X					0	0	0	
(7) EDWARD NAYLOR CHAIR	1 00	X					0	0	0	
(8) MARIA JOSE LANDEIRA OESTERGAARD VICE CHAIR	1 00	X					0	0	0	
(9) ROBERT SINKO DIRECTOR	1 00	X					0	0	0	
(10) STEVE SPRINGER DIRECTOR	1 00	X					0	0	0	
(11) MICHAEL TURNER DIRECTOR	1 00	X					0	0	0	
(12) PAUL WHITCRAFT DIRECTOR	1 00	X					0	0	0	
(13) KELLY WYROUGH DIRECTOR	1 00	X					0	0	0	
(14) HENRY YE DIRECTOR	1 00	X					0	0	0	
(15) JESSE CHEN ASSOCIATE DIRECTOR	20 00			X			72,184	0	0	
(16) JAMES M MACKI EXECUTIVE DIRECTOR	32 00			X			146,280	0	0	
(17) LYMAN A SCRIBNER ASSOCIATE DIRECTOR	20 00			X			72,184	0	0	

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

Table with 6 main columns: (A) Name and Title, (B) Average hours per week, (C) Position (Individual trustee or director, Institutional Trustee, Officer, Key employee, Highest compensated employee, Former), (D) Reportable compensation from the organization, (E) Reportable compensation from related organizations, (F) Estimated amount of other compensation. Includes rows for Heather Stine, Emory A Ford, Barry N Greene, William R Watkins, and Kirk Richardson.

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization 1

Table with 3 columns: Question number, Question text, Yes, No. Contains questions 3, 4, and 5 regarding compensation reporting.

Section B. Independent Contractors

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

Table with 3 columns: (A) Name and business address, (B) Description of services, (C) Compensation. Includes a total row for independent contractors.

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

**Part VIII Statement of Revenue**

Check if Schedule O contains a response to any question 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, 513, or 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> _____					
	<b>f</b> All other contributions, gifts, grants, and similar amounts not included above <b>1f</b> _____					
	<b>g</b> Noncash contributions included in lines 1a-1f \$ _____					
	<b>h Total.</b> Add lines 1a-1f . . . . . <b>▶</b>					
<b>Program Service Revenue</b>	<b>2a</b> MEMBERSHIP DUES & ASSE _____ Business Code 541900	1,701,226	1,701,226			
	<b>b</b> PROJECT REVENUES _____ Business Code 611430	13,580	13,580			
	<b>c</b> _____					
	<b>d</b> _____					
	<b>e</b> _____					
	<b>f</b> All other program service revenue _____					
	<b>g Total.</b> Add lines 2a-2f . . . . . <b>▶</b>	1,714,806				
<b>Other Revenue</b>	<b>3</b> Investment income (including dividends, interest, and other similar amounts) . . . . . <b>▶</b>	30,219			30,219	
	<b>4</b> Income from investment of tax-exempt bond proceeds . . . . . <b>▶</b>					
	<b>5</b> Royalties . . . . . <b>▶</b>					
	<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>▶</b>					
	<b>7a</b> Gross amount from sales of assets other than inventory	(i) Securities				
		(ii) Other				
		<b>b</b> Less cost or other basis and sales expenses		1,055		
		<b>c</b> Gain or (loss)		-1,055		
	<b>d</b> Net gain or (loss) . . . . . <b>▶</b>	-1,055	-1,055			
	<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>▶</b>						
<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>▶</b>					
<b>10a</b> Gross sales of inventory, less returns and allowances . . . . . <b>a</b>						
	<b>b</b> Less cost of goods sold . . . . . <b>b</b>	17,732				
	<b>c</b> Net income or (loss) from sales of inventory . . . . . <b>▶</b>	6,193		6,193		
Miscellaneous Revenue	Business Code					
<b>11a</b> MEETING FEES _____ Business Code 541700	29,384		29,384			
<b>b</b> _____						
<b>c</b> _____						
<b>d</b> All other revenue . . . . .						
<b>e Total.</b> Add lines 11a-11d . . . . . <b>▶</b>	29,384					
<b>12 Total revenue.</b> See Instructions . . . . . <b>▶</b>	1,779,547	1,713,751	35,577	30,219		

**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 to any question in this Part IX

<b>Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.</b>		<b>(A)</b> Total expenses	<b>(B)</b> Program service expenses	<b>(C)</b> Management and general expenses	<b>(D)</b> Fundraising expenses
<b>1</b>	Grants and other assistance to governments and organizations in the United States. See Part IV, line 21				
<b>2</b>	Grants and other assistance to individuals in the United States. See Part IV, line 22	10,000	10,000		
<b>3</b>	Grants and other assistance to governments, organizations, and individuals outside the United States. See Part IV, lines 15 and 16				
<b>4</b>	Benefits paid to or for members				
<b>5</b>	Compensation of current officers, directors, trustees, and key employees	746,898	746,898		
<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	109,527	109,527		
<b>8</b>	Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	33,414	33,414		
<b>9</b>	Other employee benefits				
<b>10</b>	Payroll taxes	67,105	67,105		
<b>11</b>	Fees for services (non-employees)				
<b>a</b>	Management				
<b>b</b>	Legal	20,000	20,000		
<b>c</b>	Accounting	9,900	9,900		
<b>d</b>	Lobbying				
<b>e</b>	Professional fundraising services. See Part IV, line 17				
<b>f</b>	Investment management fees				
<b>g</b>	Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O)				
<b>12</b>	Advertising and promotion				
<b>13</b>	Office expenses	38,562	38,562		
<b>14</b>	Information technology				
<b>15</b>	Royalties				
<b>16</b>	Occupancy	17,627	17,627		
<b>17</b>	Travel	142,173	142,173		
<b>18</b>	Payments of travel or entertainment expenses for any federal, state, or local public officials				
<b>19</b>	Conferences, conventions, and meetings	161,664	161,664		
<b>20</b>	Interest				
<b>21</b>	Payments to affiliates				
<b>22</b>	Depreciation, depletion, and amortization	29,358	29,358		
<b>23</b>	Insurance	43,624	43,624		
<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>	PROJECT RESEARCH COST	579,596	579,596		
<b>b</b>	TELEPHONE	54,434	54,434		
<b>c</b>	MEMBERSHIP DEVELOPMENT	25,774	25,774		
<b>d</b>	POSTAGE AND SHIPPING	22,598	22,598		
<b>e</b>	All other expenses	14,891	14,891		
<b>25</b>	<b>Total functional expenses.</b> Add lines 1 through 24e	2,127,145	2,127,145	0	0
<b>26</b>	<b>Joint costs.</b> 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 to any question in this Part X

		(A) Beginning of year		(B) End of year
<b>Assets</b>	<b>1</b> Cash—non-interest-bearing . . . . .	10,637	<b>1</b>	7,452
	<b>2</b> Savings and temporary cash investments . . . . .	2,866,148	<b>2</b>	2,701,687
	<b>3</b> Pledges and grants receivable, net . . . . .		<b>3</b>	
	<b>4</b> Accounts receivable, net . . . . .		<b>4</b>	22,409
	<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 . . . . .	108,412	<b>8</b>	104,182
	<b>9</b> Prepaid expenses and deferred charges . . . . .	30,154	<b>9</b>	10,270
	<b>10a</b> Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D . . . . .	<b>10a</b> 114,317		
	<b>b</b> Less accumulated depreciation . . . . .	<b>10b</b> 83,173	53,054	<b>10c</b> 31,144
	<b>11</b> Investments—publicly traded securities . . . . .		<b>11</b>	
	<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) . . . . .	3,068,405	<b>16</b>	2,877,144	
<b>Liabilities</b>	<b>17</b> Accounts payable and accrued expenses . . . . .	121,273	<b>17</b>	235,205
	<b>18</b> Grants payable . . . . .		<b>18</b>	
	<b>19</b> Deferred revenue . . . . .	829,350	<b>19</b>	871,755
	<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 . . . . .		<b>25</b>	
	<b>26 Total liabilities.</b> Add lines 17 through 25 . . . . .	950,623	<b>26</b>	1,106,960
<b>Net Assets or Fund Balances</b>	<b>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>			
	<b>27</b> Unrestricted net assets . . . . .	2,117,782	<b>27</b>	1,770,184
	<b>28</b> Temporarily restricted net assets . . . . .		<b>28</b>	
	<b>29</b> Permanently restricted net assets . . . . .		<b>29</b>	
	<b>Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.</b>			
	<b>30</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</b> Total net assets or fund balances . . . . .	2,117,782	<b>33</b>	1,770,184	
<b>34</b> Total liabilities and net assets/fund balances . . . . .	3,068,405	<b>34</b>	2,877,144	

**Part XI Reconciliation of Net Assets**

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

<b>1</b>	Total revenue (must equal Part VIII, column (A), line 12)	<b>1</b>	1,779,547
<b>2</b>	Total expenses (must equal Part IX, column (A), line 25)	<b>2</b>	2,127,145
<b>3</b>	Revenue less expenses Subtract line 2 from line 1	<b>3</b>	-347,598
<b>4</b>	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	<b>4</b>	2,117,782
<b>5</b>	Net unrealized gains (losses) on investments	<b>5</b>	
<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>	1,770,184

**Part XII Financial Statements and Reporting**

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

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

SCHEDULE D (Form 990)

OMB No 1545-0047

Supplemental Financial Statements

2012

Open to Public Inspection

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

Department of the Treasury Internal Revenue Service

Name of the organization MATERIALS TECHNOLOGY INSTITUTE INC

Employer identification number 13-2892392

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

Table with 3 columns: (a) Donor advised funds, (b) Funds and other accounts, and a Yes/No column. Rows include total number at end of year, aggregate contributions, aggregate grants, aggregate value, and questions about donor property and grant fund usage.

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

Table with 2 columns: Description and Held at the End of the Year. Rows include purpose(s) of easements, total number, acreage, and number of easements on historic structures, along with monitoring and expense questions.

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

Table with 2 columns: Description and Amount. Rows include questions about reporting works of art, historical treasures, or other similar assets held for public exhibition, education, or research.

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

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

- a**  Public exhibition
- b**  Scholarly research
- c**  Preservation for future generations
- d**  Loan or exchange programs
- e**  Other

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

**5** During the year, did the organization solicit or receive donations of art, historical treasures or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection?  Yes  No

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

**1a** Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X?  Yes  No

**b** If "Yes," explain the arrangement in Part XIII and complete the following table

	Amount
<b>1c</b>	
<b>1d</b>	
<b>1e</b>	
<b>1f</b>	

**2a** Did the organization include an amount on Form 990, Part X, line 21?  Yes  No

**b** If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided in Part XIII

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

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
<b>1a</b> Beginning of year balance . . . . .					
<b>b</b> Contributions . . . . .					
<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 . . . . .					

**2** Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as

- a** Board designated or quasi-endowment ▶
  - b** Permanent endowment ▶
  - c** Temporarily restricted endowment ▶
- The percentages in lines 2a, 2b, and 2c should equal 100%

**3a** Are there endowment funds not in the possession of the organization that are held and administered for the organization by

	Yes	No
<b>(i)</b> unrelated organizations . . . . .	<b>3a(i)</b>	
<b>(ii)</b> related organizations . . . . .	<b>3a(ii)</b>	
<b>b</b> If "Yes" to 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.** 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 . . . . .				
<b>b</b> Buildings . . . . .				
<b>c</b> Leasehold improvements . . . . .				
<b>d</b> Equipment . . . . .	114,317		83,173	31,144
<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).) . . . . .				31,144



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

<b>1</b>	Total revenue, gains, and other support per audited financial statements . . . . .		<b>1</b>	1,792,141
<b>2</b>	Amounts included on line 1 but not on Form 990, Part VIII, line 12			
<b>a</b>	Net unrealized gains on investments . . . . .	<b>2a</b>		
<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>	12,594	
<b>e</b>	Add lines <b>2a</b> through <b>2d</b> . . . . .		<b>2e</b>	12,594
<b>3</b>	Subtract line <b>2e</b> from line <b>1</b> . . . . .		<b>3</b>	1,779,547
<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>	1,779,547

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

<b>1</b>	Total expenses and losses per audited financial statements . . . . .		<b>1</b>	2,139,739
<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>	12,594	
<b>e</b>	Add lines <b>2a</b> through <b>2d</b> . . . . .		<b>2e</b>	12,594
<b>3</b>	Subtract line <b>2e</b> from line <b>1</b> . . . . .		<b>3</b>	2,127,145
<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>	2,127,145

**Part XIII Supplemental Information**

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

Identifier	Return Reference	Explanation
PART XI, LINE 2D - OTHER ADJUSTMENTS		COST OF GOODS SOLD LOSS ON ASSET RETIREMENT
PART XII, LINE 2D - OTHER ADJUSTMENTS		COST OF GOODS SOLD LOSS ON ASSET RETIREMENT

Schedule I (Form 990)

OMB No 1545-0047

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

2012

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

Attach to Form 990

Open to Public Inspection

Department of the Treasury Internal Revenue Service

Name of the organization

MATERIALS TECHNOLOGY INSTITUTE INC

Employer identification number

13-2892392

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

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

Table with 8 columns: (a) Name and address of organization or government, (b) EIN, (c) IRC Code section if applicable, (d) Amount of cash grant, (e) Amount of non-cash assistance, (f) Method of valuation, (g) Description of non-cash assistance, (h) Purpose of grant or assistance. The table is currently empty.

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

**Part III Grants and Other Assistance to Individuals in the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 22.

Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of non-cash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of non-cash assistance
(1) COLLEGE SCHOLARSHIP	2	10,000			

**Part IV Supplemental Information.**

Complete this part to provide the information required in Part I, line 2, Part III, column (b), and any other additional information

Identifier	Return Reference	Explanation
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**SCHEDULE O**  
(Form 990 or 990-EZ)

Department of the Treasury  
Internal Revenue Service

**Supplemental Information to Form 990 or 990-EZ**

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

**▶ Attach to Form 990 or 990-EZ.**

OMB No 1545-0047

**2012**

**Open to Public  
Inspection**

Name of the organization  
MATERIALS TECHNOLOGY INSTITUTE INC

**Employer identification number**

13-2892392

Identifier	Return Reference	Explanation
	FORM 990, PART VI, SECTION A, LINE 6	THE MEMBER COMPANIES DELEGATE A REPRESENTATIVE TO SERVE WITH THE ORGANIZATION
	FORM 990, PART VI, SECTION A, LINE 7A	THE MEMBERS VOTE FOR BOARD OF DIRECTORS POSITIONS FOR TERMS OF ONE YEAR ALL MEMBERS VOTE ON MAJOR ORGANIZATIONAL CHANGES AND OTHER MATERIAL MATTERS THAT WOULD AFFECT THE NON-PROFIT NATURE OF THE ORGANIZATION THE BOARD OF DIRECTORS OVERSEE THE DAY TO DAY OPERATION OF THE ORGANIZATION BY APPROVING RESEARCH PROJECTS, FUNDING LEVELS, BUDGETS, FINANCIAL OVERSIGHT AND DIRECTIONAL OVERSIGHT
	FORM 990, PART VI, SECTION B, LINE 11	FORM 990 IS PROVIDED TO THE OPERATIONS MANAGER FOR REVIEW AND COMMENTS A COPY IS PROVIDED TO BOARD MEMBERS AFTER FILING
	FORM 990, PART VI, SECTION B, LINE 12C	ORGANIZATION HAS ADOPTED A BOD COMMITTEE WHICH REVIEWS ALL PROJECTS FOR POSSIBLE CONFLICT OF INTEREST THE COMMITTEE REPORTS ANY POSSIBLE CONFLICTS TO THE BOARD OUTSIDE LEGAL COUNCIL IS PRESENT AT BOD MEETINGS, RECEIVES COPIES OF THE MINUTES AND IS UTILIZED ON A REGULAR BASIS TO REVIEW THE ORGANIZATIONS POLICIES AND SPECIFIC QUESTIONS REGARDING CONFLICTS OF INTEREST
	FORM 990, PART VI, SECTION B, LINE 15	BOARD OF DIRECTORS HAS ESTABLISHED A COMMITTEE WHICH RESEARCHES COMPARABILITY DATA BASED ON SIMILAR ORGANIZATIONS, TIME DEVOTED TO THE ORGANIZATION, KNOWLEDGE OF THE INDUSTRY AND PERFORMANCE WRITTEN RECOMMENDATION ARE PRESENTED TO THE BOARD WHICH HAS FINAL AUTHORITY OVER ALL COMPENSATION MATTERS
	FORM 990, PART VI, SECTION C, LINE 19	THE ORGANIZATION'S WEB SITE DIRECTS INTERESTED PARTIES TO CONTACT THE ORGANIZATION FOR COPIES OF REQUIRED DOCUMENTS
		THE ORGANIZATION DID NOT CHANGE ITS OVERSIGHT OR SELECTION PROCESS DURING THE TAX YEAR