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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)	OMB No 1545-0047 <div> <div>2011</div> <div>Open to Public Inspection</div> </div>
	▶ The organization may have to use a copy of this return to satisfy state reporting requirements	

A For the 2011 calendar year, or tax year beginning 01-01-2011 and ending 12-31-2011		D Employer identification number 23-7284092	
B Check if applicable <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	C Name of organization NATIONAL ACADEMY OF ENGINEERING FUND		E Telephone number (202) 334-2281
	Doing Business As		G Gross receipts \$ 36,432,625
	Number and street (or P O box if mail is not delivered to street address) 2101 CONSTITUTION AVENUE NW	Room/suite	
	City or town, state or country, and ZIP + 4 WASHINGTON, DC 20001		
	F Name and address of principal officer CHARLES M VEST 2101 CONSTITUTION AVENUE NW Washington, DC 20001		H(a) Is this a group return for affiliates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
I Tax-exempt status <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) () ◀ (Insert no) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527		H(b) Are all affiliates included? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list (see instructions)	
J Website: ▶ WWW.NAE.EDU		H(c) Group exemption number ▶	
K Form of organization <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other ▶		L Year of formation 1973	M State of legal domicile DC

Part I		Summary		
Activities & Governance	1 Briefly describe the organization's mission or most significant activities NATIONAL ACADEMY OF ENGINEERING FUND (NAEF) SUPPORTS THE ACTIVITIES OF THE NATIONAL ACADEMY OF ENGINEERING (NAE)			
	2 Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets			
	3 Number of voting members of the governing body (Part VI, line 1a)	3	18	
	4 Number of independent voting members of the governing body (Part VI, line 1b)	4	13	
	5 Total number of individuals employed in calendar year 2011 (Part V, line 2a)	5	0	
	6 Total number of volunteers (estimate if necessary)	6	0	
7a Total unrelated business revenue from Part VIII, column (C), line 12		7a	118,042	
b Net unrelated business taxable income from Form 990-T, line 34		7b	96,231	
Revenue			Prior Year	Current Year
	8	Contributions and grants (Part VIII, line 1h)	2,169,515	4,428,591
	9	Program service revenue (Part VIII, line 2g)	100,180	102,445
	10	Investment income (Part VIII, column (A), lines 3, 4, and 7d)	62,467	2,235,477
	11	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	21,571	0
	12	Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)	2,353,733	6,766,513
Expenses	13	Grants and similar amounts paid (Part IX, column (A), lines 1–3)	3,391,952	4,841,531
	14	Benefits paid to or for members (Part IX, column (A), line 4)	0	0
	15	Salaries, other compensation, employee benefits (Part IX, column (A), lines 5–10)	0	0
	16a	Professional fundraising fees (Part IX, column (A), line 11e)	0	0
	b	Total fundraising expenses (Part IX, column (D), line 25) <u>878,938</u>		
	17	Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e)	2,103,239	1,946,149
	18	Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)	5,495,191	6,787,680
	19	Revenue less expenses Subtract line 18 from line 12	-3,141,458	-21,167
	Net Assets or Fund Balances			Beginning of Current Year
20		Total assets (Part X, line 16)	62,944,561	60,896,887
21		Total liabilities (Part X, line 26)	705,654	641,972
22		Net assets or fund balances Subtract line 21 from line 20	62,238,907	60,254,915

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			2012-11-06 Date	
	Lance Davis Assistant Secretary Type or print name and title				
Paid Preparer's Use Only	Preparer's signature		Date	Check if self-employed <input type="checkbox"/>	Preparer's taxpayer identification number (see instructions)
	Firm's name (or yours if self-employed), address, and ZIP + 4	Grant Thornton LLP 2010 CORPORATE RIDGE SUITE 400 MCLEAN, VA 22102			EIN
					Phone no (703) 847-7500

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

NAEF SUPPORTS THE ACTIVITIES OF THE NATIONAL ACADEMY OF ENGINEERING(NAE) NAE OPERATES WITHIN THE CHARTER AND FRAMEWORK OF THE NATIONAL ACADEMY OF SCIENCES (NAS) AND ADVISES THE FEDERAL GOVERNMENT ON MATTERS OF SCIENCE AND TECHNOLOGY NAE ALSO SPONSORS ENGINEERING PROGRAMS AIMED AT MEETING NATIONAL NEEDS, ENCOURAGES EDUCATION AND RESEARCH, AND RECOGNIZES THE SUPERIOR ACHIEVEMENTS OF ENGINEERS

2

Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ?

Yes

No

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

3

Did the organization cease conducting, or make significant changes in how it conducts, any program services?

Yes

No

If "Yes," describe these changes on Schedule O

4

Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses Section 501(c)(3) and 501(c)(4) organizations and section 4947(a)(1) trusts are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported

4a

(Code) (Expenses \$ 2,064,917 including grants of \$ 2,064,917) (Revenue \$)

NAE PROGRAMS THAT ADDRESS RELEVANT ISSUES IN ENGINEERING FIELD INCLUDING, BUT NOT LIMITED TO, EDUCATION, ENGINEERING PRACTICE, AND THE ENGINEERING WORKFORCE, ENGINEERING AND THE ENVIRONMENT, ENGINEERING, THE ECONOMY, AND SOCIETY, INFORMATION TECHNOLOGY AND SOCIETY, NATIONAL SECURITY AND CRIME PREVENTION, AND PUBLIC POLICY AND PROGRAM REVIEWS

4b

(Code) (Expenses \$ 2,202,266 including grants of \$ 2,202,266) (Revenue \$)

NAE PRESENTS FIVE AWARDS THE CHARLES STARK DRAPER PRIZE, THE FRITZ J & DOLORES H RUSS PRIZE, THE BERNARD M GORDON PRIZE FOR INNOVATION IN ENGINEERING AND TECH EDUCATION, THE ARTHUR M BUECHE AWARD & THE NAE FOUNDERS AWARD ACTIVITIES INCLUDE SOLICITING NOMINATIONS, SELECTION OF THE RECIPIENTS, ANNOUNCEMENT OF THE RECIPIENTS & PRESENTATION OF THE PRIZES

4c

(Code) (Expenses \$ 325,848 including grants of \$ 325,848) (Revenue \$ 102,445)

NAE MEMBER PROGRAMS - ORGANIZATION AND ADMINISTRATION OF THE ANNUAL MEETING AND PUBLICATION OF NAE MEMORIAL TRIBUTES

(Code) (Expenses \$ 248,500 including grants of \$ 248,500) (Revenue \$)

support for nrc and nas

4d

Other program services (Describe in Schedule O)

(Expenses \$ 248,500 including grants of \$ 248,500) (Revenue \$)
















4e

Total program service expenses

\$ 4,841,531

Part IV

Checklist of Required Schedules

		Yes	No
1	Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete Schedule A 	1	Yes
2	Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)? 	2	Yes
3	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I	3	No
4	Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If "Yes," complete Schedule C, Part II	4	No
5	Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? If "Yes," complete Schedule C, Part III	5	
6	Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? If "Yes," complete Schedule D, Part I 	6	No
7	Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas or historic structures? If "Yes," complete Schedule D, Part II 	7	No
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III 	8	No
9	Did the organization report an amount in Part X, line 21, serve as a custodian for amounts not listed in Part X, or provide credit counseling, debt management, credit repair, or debt negotiation services? If "Yes," complete Schedule D, Part IV 	9	No
10	Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? If "Yes," complete Schedule D, Part V 	10	Yes
11	If the organization's answer to any of the following questions is 'Yes,' then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable		
a	Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D, Part VI. 	11a	No
b	Did the organization report an amount for investments—other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VII. 	11b	No
c	Did the organization report an amount for investments—program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VIII. 	11c	No
d	Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part IX. 	11d	No
e	Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X. 	11e	No
f	Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? If "Yes," complete Schedule D, Part X. 	11f	Yes
12a	Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete Schedule D, Parts XI, XII, and XIII 	12a	Yes
b	Was the organization included in consolidated, independent audited financial statements for the tax year? If "Yes," and if the organization answered 'No' to line 12a, then completing Schedule D, Parts XI, XII, and XIII is optional 	12b	No
13	Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E	13	No
14a	Did the organization maintain an office, employees, or agents outside of the United States?	14a	No
b	Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? If "Yes," complete Schedule F, Part I	14b	No
15	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or assistance to any organization or entity located outside the U S? If "Yes," complete Schedule F, Part II and IV	15	No
16	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or assistance to individuals located outside the U S? If "Yes," complete Schedule F, Part III and IV	16	No
17	Did the organization report a total of more than \$15,000, of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? If "Yes," complete Schedule G, Part I	17	No
18	Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? If "Yes," complete Schedule G, Part II	18	No
19	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes," complete Schedule G, Part III	19	No
20a	Did the organization operate one or more hospitals? If "Yes," complete Schedule H	20a	No
b	If "Yes" to line 20a, did the organization attach its audited financial statement to this return? Note. All Form 990 filers that operated one or more hospitals must attach audited financial statements	20b	

Part IV

Checklist of Required Schedules (continued)

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

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

Form **990** (2011)

Part VI

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

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year		
1a	18		
b	Enter the number of voting members included in line 1a, above, who are independent	1b	13
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?	2	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?	3	No
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4	No
5	Did the organization become aware during the year of a significant diversion of the organization's assets?	5	No
6	Did the organization have members or stockholders?	6	No
7a	Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?	7a	No
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	7b	No
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following		
a	The governing body?	8a	Yes
b	Each committee with authority to act on behalf of the governing body?	8b	Yes
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O	9	No

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

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

Section C. Disclosure

17	List the States with which a copy of this Form 990 is required to be filed▶AL , AK , AZ , AR , CA , CO , CT , DC , FL , GA , HI , IL , KS , KY , LA , ME , MD , MA , MI , MN , MS , MO , NH , NJ , NM , NY , NC , ND , OH , OK , OR , PA , RI , SC , TN , UT , VA , WA , WV , WI
18	Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (501(c) (3)s only) available for public inspection. Indicate how you made these available. Check all that apply. <input type="checkbox"/> Own website <input type="checkbox"/> Another's website <input checked="" type="checkbox"/> Upon request
19	Describe in Schedule O whether (and if so, how), the organization made its governing documents, conflict of interest policy, and financial statements available to the public. See Additional Data Table.
20	State the name, physical address, and telephone number of the person who possesses the books and records of the organization ▶ MARY RESCHDIRECTOR OF FINAN 2101 CONSTITUTION AVENUE NW WASHINGTON,DC 20001 (202) 334-2281

Part VII

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

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

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

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

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation, and **current** key employees Enter -0- in columns (D), (E), and (F) if no compensation was paid
- List all of the organization's **current** key employees, if any See instructions for definition of "key employee "
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations
- List all of the organization's **former** officers, key employees, or highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations

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

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

(A) Name and Title	(B) Average hours per week (describe hours for related organizations in Schedule O)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(1) Irwin M Jacobs Chairman	1 0	X		X				0	0	0
(2) G Wayne Clough Trustee	1 0	X								
(3) THOMAS F BUDINGER Home Secretary	1 0	X		X					53,354	
(4) GEORGE BUGLIARELLO FOREIGN SECRETARY JAN-FEB 2011	1 0	X		X					8,750	
(5) Corale L Brierley Trustee	1 0	X								
(6) ARNOLD F STANCELL Trustee	1 0	X								
(7) C DAN MOTE JR Treasurer	1 0	X		X					53,155	
(8) NARAYANAMURTI VENKATESH FOREIGN SECRETARY JULY-DEC2011	1 0	X							26,905	
(9) Alice M Agogino Trustee	1 0	X								
(10) MAXINE L SAVITZ VICE PRESIDENT	1 0	X		X					66,446	
(11) PAUL CITRON Trustee	1 0	X								
(12) ROBERT F SPROULL Trustee	1 0	X								
(13) CHARLES M VEST PRESIDENT	1 0	X		X					680,284	118,605
(14) RUTH A DAVID Trustee	1 0	X								
(15) BRADFORD W PARKINSON Trustee JAN-JUNE 2011	1 0	X								
(16) CHARLES ELACHI Trustee	1 0	X								
(17) LINDA M ABRIOLA Trustee	1 0	X								

Part VII

1b	Sub-Total	▼			
c	Total from continuation sheets to Part VII, Section A	▼			
d	Total (add lines 1b and 1c)	▼	0	888,894	118,605

2 Total number of individuals (including but not limited to those I
\$100,000 of reportable compensation from the organization) 0

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

Section B. Independent Contractors

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

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

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

				(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512, 513, or 514
Contributions, gifts, grants and other similar amounts	1a	Federated campaigns . . .	1a	1,000			
	b	Membership dues	1b	248,640			
	c	Fundraising events	1c				
	d	Related organizations	1d				
	e	Government grants (contributions)	1e				
	f	All other contributions, gifts, grants, and similar amounts not included above	1f	4,178,951			
	g	Noncash contributions included in lines 1a-1f \$ 13,079					
	h	Total. Add lines 1a-1f					
Program Service Revenue	2a	NAE ANNUAL MEETING REGISTRATION	Business Code	900099	102,445	102,445	
	b						
	c						
	d						
	e						
	f	All other program service revenue					
	g	Total. Add lines 2a-2f			102,445		
	Other Revenue	3	Investment income (including dividends, interest and other similar amounts)		519,080		118,042
4		Income from investment of tax-exempt bond proceeds . . .		0			
5		Royalties		0			
6a		(i) Real		(ii) Personal			
b		Less rental expenses					
c		Rental income or (loss)					
d		Net rental income or (loss)					
7a		(i) Securities		(ii) Other			
		31,378,721					
		29,662,324					
		1,716,397					
b		Less cost or other basis and sales expenses					
c		Gain or (loss)					
d		Net gain or (loss)			1,716,397		1,716,397
8a		Gross income from fundraising events (not including \$ of contributions reported on line 1c) See Part IV, line 18		a	0		
b		Less direct expenses		b			
c		Net income or (loss) from fundraising events . . .					
9a		Gross income from gaming activities See Part IV, line 19		a	0		
b		Less direct expenses		b			
c	Net income or (loss) from gaming activities . . .						
10a	Gross sales of inventory, less returns and allowances		a	0			
			3,788				
b	Less cost of goods sold		b				3,788
c	Net income or (loss) from sales of inventory . . .						
Miscellaneous Revenue			Business Code				
11a							
b							
c							
d	All other revenue						
e	Total. Add lines 11a-11d			0			
12	Total revenue. See Instructions			6,766,513	102,445	118,042	2,117,435

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns
All other organizations must complete column (A) but are not required to complete columns (B), (C), and (D)
Check if Schedule O contains a response to any question in this Part IX

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.		(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1	Grants and other assistance to governments and organizations in the United States See Part IV, line 21	4,042,019	4,042,019		
2	Grants and other assistance to individuals in the United States See Part IV, line 22	799,512	799,512		
3	Grants and other assistance to governments, organizations, and individuals outside the United States See Part IV, lines 15 and 16	0			
4	Benefits paid to or for members	0			
5	Compensation of current officers, directors, trustees, and key employees	0			
6	Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)	0			
7	Other salaries and wages	0			
8	Pension plan contributions (include section 401(k) and section 403(b) employer contributions)	0			
9	Other employee benefits	0			
10	Payroll taxes	0			
11	Fees for services (non-employees)				
a	Management	0			
b	Legal	0			
c	Accounting	0			
d	Lobbying	0			
e	Professional fundraising See Part IV, line 17	0			
f	Investment management fees	423,323		423,323	
g	Other	0			
12	Advertising and promotion	0			
13	Office expenses	0			
14	Information technology	0			
15	Royalties	0			
16	Occupancy	0			
17	Travel	0			
18	Payments of travel or entertainment expenses for any federal, state, or local public officials	0			
19	Conferences, conventions, and meetings	0			
20	Interest	0			
21	Payments to affiliates	0			
22	Depreciation, depletion, and amortization	0			
23	Insurance	0			
24	Other expenses Itemize expenses not covered above (List miscellaneous expenses in line 24f If line 24f amount exceeds 10% of line 25, column (A) amount, list line 24f expenses on Schedule O)				
a	REIMBURSED EXPENSES	1,443,094		564,156	878,938
b	MISCELLANEOUS EXPENSE	59,863		59,863	
c	CREDIT CARD FEES	8,869		8,869	
d	BAD DEBT EXPENSE	11,000		11,000	
e					
f	All other expenses				
25	Total functional expenses. Add lines 1 through 24f	6,787,680	4,841,531	1,067,211	878,938
26	Joint costs. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720) Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation				

Part X

Balance Sheet

					(A)		(B)
					Beginning of year		End of year
Assets	1	Cash—non-interest-bearing			0	1	0
	2	Savings and temporary cash investments			246,040	2	532,735
	3	Pledges and grants receivable, net			1,013,356	3	700,067
	4	Accounts receivable, net			0	4	0
	5	Receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L			0	5	0
	6	Receivables from other disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B). Complete Part II of Schedule L			0	6	0
	7	Notes and loans receivable, net			0	7	0
	8	Inventories for sale or use			0	8	0
	9	Prepaid expenses and deferred charges			2,955	9	3,052
	10a	Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a		0	10c	
	b	Less: accumulated depreciation	10b				
	11	Investments—publicly traded securities			61,600,482	11	59,609,357
	12	Investments—other securities. See Part IV, line 11			0	12	0
	13	Investments—program-related. See Part IV, line 11			0	13	0
	14	Intangible assets			0	14	0
	15	Other assets. See Part IV, line 11			81,728	15	51,676
	16	Total assets. Add lines 1 through 15 (must equal line 34)			62,944,561	16	60,896,887
Liabilities	17	Accounts payable and accrued expenses			705,654	17	641,972
	18	Grants payable			0	18	0
	19	Deferred revenue			0	19	0
	20	Tax-exempt bond liabilities			0	20	0
	21	Escrow or custodial account liability. Complete Part IV of Schedule D			0	21	0
	22	Payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L			0	22	0
	23	Secured mortgages and notes payable to unrelated third parties			0	23	0
	24	Unsecured notes and loans payable to unrelated third parties			0	24	0
	25	Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D			0	25	0
	26	Total liabilities. Add lines 17 through 25			705,654	26	641,972
Net Assets or Fund Balances	Organizations that follow SFAS 117, check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.						
	27	Unrestricted net assets			24,518,821	27	22,597,682
	28	Temporarily restricted net assets			8,510,769	28	8,447,916
	29	Permanently restricted net assets			29,209,317	29	29,209,317
	Organizations that do not follow SFAS 117, check here <input type="checkbox"/> and complete lines 30 through 34.						
	30	Capital stock or trust principal, or current funds				30	
	31	Paid-in or capital surplus, or land, building or equipment fund				31	
	32	Retained earnings, endowment, accumulated income, or other funds				32	
	33	Total net assets or fund balances			62,238,907	33	60,254,915
	34	Total liabilities and net assets/fund balances			62,944,561	34	60,896,887

Part XI Reconciliation of Net Assets

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

1	Total revenue (must equal Part VIII, column (A), line 12)	1	6,766,513
2	Total expenses (must equal Part IX, column (A), line 25)	2	6,787,680
3	Revenue less expenses Subtract line 2 from line 1	3	-21,167
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	62,238,907
5	Other changes in net assets or fund balances (explain in Schedule O)	5	-1,962,825
6	Net assets or fund balances at end of year Combine lines 3, 4, and 5 (must equal Part X, line 33, column (B))	6	60,254,915

Part XII Financial Statements and Reporting

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

		Yes	No
1	Accounting method used to prepare the Form 990 <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O		
2a	Were the organization's financial statements compiled or reviewed by an independent accountant?		No
b	Were the organization's financial statements audited by an independent accountant?	Yes	
c	If "Yes," to 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O	Yes	
d	If "Yes" to line 2a or 2b, check a box below to indicate whether the financial statements for the year were issued on a separate basis, consolidated basis, or both <input checked="" type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separated basis		
3a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?		
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 A
(Form 990 or 990EZ)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

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

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

OMB No 1545-0047

2011

Open to Public
Inspection

Name of the organization NATIONAL ACADEMY OF ENGINEERING FUND	Employer identification number 23-7284092
--	--

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

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

1

☐

2

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3

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4

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11

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a

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Type I

b

☐

Type II

c

☐

Type III - Functionally integrated

d

☐

Type III - Other

e

☐

f

☐

g

☐

(i)

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

(ii)

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

(iii)

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

h

Provide the following information about the supported organization(s)

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

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1- 9 above or IRC section (see instructions))	(iv) Is the organization in col (i) listed in your governing document?		(v) Did you notify the organization in col (i) of your support?		(vi) Is the organization in col (i) organized in the U S ?		(vii) Amount of support?
			Yes	No	Yes	No	Yes	No	
(A) NATIONAL ACADEMY OF SCIENCES	530196932	07	Yes		Yes		Yes		6,787,679
Total									6,787,679

Part II

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

Section A. Public Support						
Calendar year (or fiscal year beginning in)	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants ")						
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3						
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						
6 Public Support. Subtract line 5 from line 4						

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

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

Part IIIPart III

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

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

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

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

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

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

Facts And Circumstances Test

Explanation

Additional Data

Software ID:
Software Version:
EIN: 23-7284092
Name: NATIONAL ACADEMY OF ENGINEERING FUND

Form 990, Special Condition Description:

Special Condition Description

Form 990, Part III - 4 Program Service Accomplishments (See the Instructions)

4d. Other program services
(Code) (Expenses \$ 248,500 including grants of \$ 248,500) (Revenue \$) support for nrc and nas

SCHEDULE D
(Form 990)

Supplemental Financial Statements

OMB No 1545-0047

2011

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

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

Name of the organization
NATIONAL ACADEMY OF ENGINEERING FUND

Employer identification number
23-7284092

Part I

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

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

Part II

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

1 Purpose(s) of conservation easements held by the organization (check all that apply)
☐ Preservation of land for public use (e g , recreation or pleasure) ☐ Preservation of an historically importantly land area
☐ Protection of natural habitat ☐ Preservation of a certified historic structure
☐ Preservation of open space

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

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

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

4 Number of states where property subject to conservation easement is located ▶ _____

5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds? ☐ Yes ☐ No

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

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

8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and 170(h)(4)(B)(ii)? ☐ Yes ☐ No

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

Part III

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

1a If the organization elected, as permitted under SFAS 116, not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education or research in furtherance of public service, provide, in Part XIV, the text of the footnote to its financial statements that describes these items

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

(i) Revenues included in Form 990, Part VIII, line 1 ▶ \$ _____

(ii) Assets included in Form 990, Part X ▶ \$ _____

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

a Revenues included in Form 990, Part VIII, line 1 ▶ \$ _____

b Assets included in Form 990, Part X ▶ \$ _____

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

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

- ☐ Public exhibition

☐ Loan or exchange programs
- ☐ Scholarly research

☐ Other
- ☐ Preservation for future generations

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

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

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

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

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

	Amount
1c	
1d	
1e	
1f	

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

b If "Yes," explain the arrangement in Part XIV

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

	(a)Current Year	(b)Prior Year	(c)Two Years Back	(d)Three Years Back	(e)Four Years Back
1a Beginning of year balance	29,536,147	27,363,750	25,447,289	37,481,418	
b Contributions		21,673	66,387	73,376	
c Investment earnings or losses	-38,781	2,600,795	3,217,640	-10,731,780	
d Grants or scholarships	1,000,000	0	1,000,000	1,000,000	
e Other expenditures for facilities and programs	654,601	450,071	367,566	375,725	
f Administrative expenses					
g End of year balance	27,842,765	29,536,147	27,363,750	25,447,289	

2 Provide the estimated percentage of the year end balance held as

- Board designated or quasi-endowment ▶ 37 500 %
- Permanent endowment ▶ 48 500 %
- Term endowment ▶ 14 000 %

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

	Yes	No
(i) unrelated organizations	3a(i)	No
(ii) related organizations	3a(ii)	No
b If "Yes" to 3a(ii), are the related organizations listed as required on Schedule R?	3b	No

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

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

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land				
b Buildings				
c Leasehold improvements				
d Equipment				
e Other				
Total. Add lines 1a-1e (Column (d) should equal Form 990, Part X, column (B), line 10(c).)				

Part XI Reconciliation of Change in Net Assets from Form 990 to Financial Statements			
1	Total revenue (Form 990, Part VIII, column (A), line 12)	1	6,766,513
2	Total expenses (Form 990, Part IX, column (A), line 25)	2	6,787,680
3	Excess or (deficit) for the year Subtract line 2 from line 1	3	-21,167
4	Net unrealized gains (losses) on investments	4	-1,962,825
5	Donated services and use of facilities	5	
6	Investment expenses	6	
7	Prior period adjustments	7	
8	Other (Describe in Part XIV)	8	
9	Total adjustments (net) Add lines 4 - 8	9	-1,962,825
10	Excess or (deficit) for the year per financial statements Combine lines 3 and 9	10	-1,983,992

Part XII Reconciliation of Revenue per Audited Financial Statements With Revenue per Return			
1	Total revenue, gains, and other support per audited financial statements	1	4,807,476
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12		
a	Net unrealized gains on investments	2a	-1,962,825
b	Donated services and use of facilities	2b	
c	Recoveries of prior year grants	2c	
d	Other (Describe in Part XIV)	2d	
e	Add lines 2a through 2d	2e	-1,962,825
3	Subtract line 2e from line 1	3	6,770,301
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	
b	Other (Describe in Part XIV)	4b	-3,788
c	Add lines 4a and 4b	4c	-3,788
5	Total Revenue Add lines 3 and 4c. (This should equal Form 990, Part I, line 12)	5	6,766,513

Part XIII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return			
1	Total expenses and losses per audited financial statements	1	6,791,468
2	Amounts included on line 1 but not on Form 990, Part IX, line 25		
a	Donated services and use of facilities	2a	
b	Prior year adjustments	2b	
c	Other losses	2c	
d	Other (Describe in Part XIV)	2d	3,788
e	Add lines 2a through 2d	2e	3,788
3	Subtract line 2e from line 1	3	6,787,680
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	
b	Other (Describe in Part XIV)	4b	
c	Add lines 4a and 4b	4c	
5	Total expenses Add lines 3 and 4c. (This should equal Form 990, Part I, line 18)	5	6,787,680

Part XIV Supplemental Information		
Complete this part to provide the descriptions required for Part II, lines 3, 5, and 9, Part III, lines 1a and 4, Part IV, lines 1b and 2b, Part V, line 4, Part X, Part XI, line 8, Part XII, lines 2d and 4b, and Part XIII, lines 2d and 4b. Also complete this part to provide any additional information.		
Identifier	Return Reference	Explanation
Schedule D, Part V, Line 4	Description of Intended Use of Endowment Funds	Fund the activities of the National Academy of Engineering such as programs that address relevant issues in the Engineering field and for the Draper and Gordon Prizes
Schedule D, part XII, Line 4b	reconciliation of revenue	Cost of goods sold -\$3,788
Schedule D, part XIII, Line 2d	Reconciliation of Expenses	Cost of Goods Sold \$3,788
Part X, Line 2	FIN 48	Effective in 2009, the Fund adopted new guidance that creates a single model to address uncertainty in tax positions and clarified the accounting for income taxes by prescribing the minimum recognition threshold a tax position is required to meet before being recognized in its financial statements. Under the requirements of this guidance, organizations could now be required to record an obligation as the result of tax positions they have historically taken on various tax exposure items. The impact of the adoption of this guidance did not have a material effect on the financial statements of the Fund. Prior to the adoption of this guidance, the determination of when to record a liability for a tax exposure was based on whether a liability was considered probable and reasonably estimable in accordance with guidance concerning recording of contingencies.

Schedule I
(Form 990)

Department of the Treasury
Internal Revenue Service

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

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

OMB No 1545-0047

2011

Open to Public
Inspection

Name of the organization
NATIONAL ACADEMY OF ENGINEERING FUND

Employer identification number
23-7284092

Part I

General Information on Grants and Assistance

- 1

Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance?

☒ Yes ☐ No
- 2

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

Part II

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

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
(1) National Academy of Sciences2101 Constitution Ave NW Washington, DC 20418	53-0196932	501 (c)(3)	3,292,019				Program Expense Reimbursement
(2) MIT600 MEMORIAL DRIVE CAMBRIGE, MA 02139	04-2103594	501(c)(3)	250,000				Gordon Awards
(3) Institute for Systems Biology1441 N 34th street Seattle, WA 98103	91-2003595	501(c)(3)	500,000				Russ Awards

2

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

3

3

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

0

Part III

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

(a)Type of grant or assistance	(b)Number of recipients	(c)Amount of cash grant	(d)Amount of non-cash assistance	(e)Method of valuation (book, FMV, appraisal, other)	(f)Description of non-cash assistance
(1) DRAPER AWARDS	2	500,000	24,100	Appraisal	Gold Medal
(2) GORDON AWARDS	1	250,000	11,322	Appraisal	Gold Medal
(3) RUSS AWARDS	1		14,090	APPRAISAL	GOLD MEDAL

Part IV

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

Identifier	Return Reference	Explanation
Schedule I, Part 1, Line 2	Procedures for monitoring the use of grant funds	The grant to the NAS is for reimbursement of NAE expenses. Expenses are monitored and reviewed on a monthly basis as well as being reconciled by both corporations at the end of the year. Additionally both corporations have external auditors and the NAS has internal and DCAA auditors on the premise during the year. All other grants are for awards given for various engineering achievements. Each award has its own criteria, nominating form (which is on the website), and selection committee. The Committee meets several times and reviews the nominations and makes the final decision.

Schedule J
(Form 990)

Compensation Information

OMB No 1545-0047

2011

Open to Public Inspection

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

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

▶ Attach to Form 990. ▶ See separate instructions.

Name of the organization

NATIONAL ACADEMY OF ENGINEERING FUND

Employer identification number

23-7284092

Part I

Questions Regarding Compensation

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

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

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

[illegible]

Part III **Supplemental Information**

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

Identifier	Return Reference	Explanation
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SCHEDULE M
(Form 990)

Department of the Treasury
Internal Revenue Service

NonCash Contributions

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

OMB No 1545-0047

2011

Open to Public Inspection

Name of the organization
NATIONAL ACADEMY OF ENGINEERING FUND

Employer identification number
23-7284092

Part I Types of Property

	(a) Check if applicable	(b) Number of Contributions or items contributed	(c) Contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining contribution amounts
1 Art—Works of art				
2 Art—Historical treasures				
3 Art—Fractional interests				
4 Books and publications				
5 Clothing and household goods				
6 Cars and other vehicles				
7 Boats and planes				
8 Intellectual property				
9 Securities—Publicly traded	X	584	13,079	cost
10 Securities—Closely held stock				
11 Securities—Partnership, LLC, or trust interests				
12 Securities—Miscellaneous				
13 Qualified conservation contribution—Historic structures				
14 Qualified conservation contribution—Other				
15 Real estate—Residential				
16 Real estate—Commercial				
17 Real estate—Other				
18 Collectibles				
19 Food inventory				
20 Drugs and medical supplies				
21 Taxidermy				
22 Historical artifacts				
23 Scientific specimens				
24 Archeological artifacts				
25 Other ► ()				
26 Other ►()				
27 Other ►()				
28 Other ► ()				

29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part IV, Donee Acknowledgement

29

30a	During the year, did the organization receive by contribution any property reported in Part I, lines 1-28 that it must hold for at least three years from the date of the initial contribution, and which is not required to be used for exempt purposes for the entire holding period?	Yes	No
b	If "Yes," describe the arrangement in Part II		No
31	Does the organization have a gift acceptance policy that requires the review of any non-standard contributions?	Yes	
32a	Does the organization hire or use third parties or related organizations to solicit, process, or sell non-cash contributions?		No
b	If "Yes," describe in Part II		
33	If the organization did not report revenues in column (c) for a type of property for which column (a) is checked, describe in Part II		

Part II

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

Identifier	Return Reference	Explanation
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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

2011**Open to Public
Inspection**Name of the organization
NATIONAL ACADEMY OF ENGINEERING FUND**Employer identification number**

23-7284092

Identifier	Return Reference	Explanation
Form 990, Part VI, Section A, Line 11A	organization's form 990 review process	The director of finance, President and legal counsel review a draft Form 990 and discuss questions with their external accountants prior to finalizing the return. The Form 990 is provided to the Board of Trustees before filing.
Form 990, Part VI, Section C, Line 19	Documents Available for Public Inspection	An annual report containing the financial statements is posted to the NAE website and is mailed to the NAE membership. The development office uses it when fundraising. The financial statements and governing documents are available to the public upon request.
Form 990, Part VI, Section B, Lines 15a and 15b	Determination of Compensation	NAEF does not have employees. Therefore, these two questions are not applicable.
Form 990, Part VI, Section B, Line 12c	Conflict of Interest Policy	Each year officers and trustees are required to complete a conflict of interest form and participate in a board discussion of the NAEF conflict of interest policy and any potential conflicts of individual officers and trustees. If there was ever a conflict the board member would recuse himself.
Part XI, Line 5		Unrealized Losses on Investment -\$1,962,825

SCHEDULE R
(Form 990)

Department of the Treasury
Internal Revenue Service

Related Organizations and Unrelated Partnerships

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

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2011

Open to Public Inspection

Name of the organization
NATIONAL ACADEMY OF ENGINEERING FUND

Employer identification number
23-7284092

Part I Identification of Disregarded Entities (Complete if the organization answered "Yes" on Form 990, Part IV, line 33.)

(a) Name, address, and EIN of disregarded entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Total income	(e) End-of-year assets	(f) Direct controlling entity

Part II Identification of Related Tax-Exempt Organizations (Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related tax-exempt organizations during the tax year.)

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Exempt Code section	(e) Public charity status (if section 501(c)(3))	(f) Direct controlling entity	(g) Section 512(b)(13) controlled organization	
						Yes	No
(1) National Academy of Sciences 2101 CONSTITUTION AVENUE NW Washington, DC 20418 53-0196932	science	DC	501 (c) 3	7	NA		No
(2) The National Academies Corporation 100 Academy Drive Irvine, CA 92617 94-2994279	conf center	CA	501 (c) 3	11A-I	NA		No

Part III

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

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

Part IV

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

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end-of-year assets	(h) Percentage ownership

Part V

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

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

1

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

a

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

b

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

c

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

d

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

e

Loans or loan guarantees by related organization(s)

f

Sale of assets to related organization(s)

g

Purchase of assets from related organization(s)

h

Exchange of assets with related organization(s)

i

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

j

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

k

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

l

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

m

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

n

Sharing of paid employees with related organization(s)

o

Reimbursement paid to related organization(s) for expenses

p

Reimbursement paid by related organization(s) for expenses

q

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

r

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

Yes

No

1a

1b

1c

1d

1e

1f

1g

1h

1i

1j

1k

1l

1m

1n

1o

1p

1q

1r

No

Yes

No

No

No

No

No

No

No

No

No

Yes

Yes

Yes

No

No

No

No

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

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

Schedule R (Form 990) 2011

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

[illegible]

Part VII

Supplemental Information

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

Identifier	Return Reference	Explanation	
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