

Return of Private Foundation or Section 4947(a)(1) Nonexempt Charitable Trust Treated as a Private Foundation

Note. The foundation may be able to use a copy of this return to satisfy state reporting requirements.

For calendar year 2011 or tax year beginning, 2011, and ending, 20

Name of foundation: ALFRED P. SLOAN FOUNDATION
Employer identification number: 13-1623877
Telephone number: (212) 649-1649
City or town, state, and ZIP code: NEW YORK, NY 10111
Check type of organization: Section 501(c)(3) exempt private foundation
Fair market value of all assets at end of year: \$ 1,653,512,812
Accounting method: HYBRID ACCRUAL

Part I Analysis of Revenue and Expenses (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a) (see instructions).)

Table with 5 columns: (a) Revenue and expenses per books, (b) Net investment income, (c) Adjusted net income, (d) Disbursements for charitable purposes (cash basis only). Rows include Revenue (1-12) and Operating and Administrative Expenses (13-26), ending with Adjusted net income of 87,867,684.

| Part II Balance Sheets | | Attached schedules and amounts in the description column should be for end-of-year amounts only. (See instructions.) | | Beginning of year | End of year | | |
|-----------------------------|---|---|----------------|--|----------------|----------------|--------------|
| | | (a) Book Value | (b) Book Value | (c) Fair Market Value | | | |
| Assets | 1 | Cash - non-interest-bearing | | 750. | 750. | 750. | |
| | 2 | Savings and temporary cash investments | | 51,813,467. | 117,779,010. | 117,013,591. | |
| | 3 | Accounts receivable | | | | | |
| | | Less: allowance for doubtful accounts | | | | | |
| | 4 | Pledges receivable | | | | | |
| | | Less: allowance for doubtful accounts | | | | | |
| | 5 | Grants receivable | | | | | |
| | 6 | Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions) | | | | | |
| | 7 | Other notes and loans receivable (attach schedule) | | | | | |
| | | Less: allowance for doubtful accounts | | | | | |
| | 8 | Inventories for sale or use | | | | | |
| | 9 | Prepaid expenses and deferred charges | | | | | |
| | 10 a | Investments - U.S. and state government obligations (attach schedule) | | | | | |
| | b | Investments - corporate stock (attach schedule) ATCH 7 | | | 105,591,850. | 65,290,798. | 65,626,154. |
| | c | Investments - corporate bonds (attach schedule) ATCH 8 | | | 157,350,016. | 160,925,974. | 163,356,824. |
| | 11 | Investments - land, buildings, and equipment: basis | | | | | |
| | Less: accumulated depreciation (attach schedule) | | | | | | |
| 12 | Investments - mortgage loans | | | | | | |
| 13 | Investments - other (attach schedule) ATCH 9 | | | 971,249,912. | 900,347,888. | 1,307,515,493. | |
| 14 | Land, buildings, and equipment: basis | | | | | | |
| | Less: accumulated depreciation (attach schedule) | | | | | | |
| 15 | Other assets (describe) | | | | | | |
| 16 | Total assets (to be completed by all filers - see the instructions. Also, see page 1, item I) | | | 1,286,005,995. | 1,244,344,420. | 1,653,512,812. | |
| Liabilities | 17 | Accounts payable and accrued expenses | | | | | |
| | 18 | Grants payable | | 58,598,501. | 65,041,133. | | |
| | 19 | Deferred revenue | | | | | |
| | 20 | Loans from officers, directors, trustees, and other disqualified persons | | | | | |
| | 21 | Mortgages and other notes payable (attach schedule) | | | | | |
| | 22 | Other liabilities (describe ATCH 10) | | | 9,620,977. | 6,123,221. | |
| 23 | Total liabilities (add lines 17 through 22) | | | 68,219,478. | 71,164,354. | | |
| Net Assets or Fund Balances | Foundations that follow SFAS 117, check here <input checked="" type="checkbox"/> | | | and complete lines 24 through 26 and lines 30 and 31. | | | |
| | 24 | Unrestricted | | 1,217,786,517. | 1,173,180,066. | | |
| | 25 | Temporarily restricted | | | | | |
| | 26 | Permanently restricted | | | | | |
| | Foundations that do not follow SFAS 117, check here and complete lines 27 through 31. <input type="checkbox"/> | | | | | | |
| | 27 | Capital stock, trust principal, or current funds | | | | | |
| | 28 | Paid-in or capital surplus, or land, bldg., and equipment fund | | | | | |
| | 29 | Retained earnings, accumulated income, endowment, or other funds | | | | | |
| 30 | Total net assets or fund balances (see instructions) | | | 1,217,786,517. | 1,173,180,066. | | |
| 31 | Total liabilities and net assets/fund balances (see instructions) | | | 1,286,005,995. | 1,244,344,420. | | |

Part III Analysis of Changes in Net Assets or Fund Balances

| | | | |
|---|--|---|----------------|
| 1 | Total net assets or fund balances at beginning of year - Part II, column (a), line 30 (must agree with end-of-year figure reported on prior year's return) | 1 | 1,217,786,517. |
| 2 | Enter amount from Part I, line 27a | 2 | -50,725,721. |
| 3 | Other increases not included in line 2 (itemize) | 3 | |
| 4 | Add lines 1, 2, and 3 | 4 | 1,167,060,796. |
| 5 | Decreases not included in line 2 (itemize) ATTACHMENT 11 | 5 | -6,119,270. |
| 6 | Total net assets or fund balances at end of year (line 4 minus line 5) - Part II, column (b), line 30 | 6 | 1,173,180,066. |

Part IV Capital Gains and Losses for Tax on Investment Income

Table with columns (a) through (k) for capital gains and losses. Includes rows for gross sales price, depreciation, cost basis, gain/loss, and net capital gain/loss. Total net capital gain is 68,211,959.

Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income

(For optional use by domestic private foundations subject to the section 4940(a) tax on net investment income.)

If section 4940(d)(2) applies, leave this part blank.

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period? [] Yes [X] No

Table for Section 4940(e) qualification. Columns (a) Base period years, (b) Adjusted qualifying distributions, (c) Net value of noncharitable-use assets, (d) Distribution ratio. Total distribution ratio is 0.238996.

Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948 - see instructions)

Table with 11 rows for excise tax calculation. Includes categories like 'Exempt operating foundations', 'Domestic foundations that meet the section 4940(e) requirements', and 'Tax based on investment income'. Total amount owed is 954,312.

Part VII-A Statements Regarding Activities

Table with 10 rows for activity statements. Questions include 'During the tax year, did the foundation attempt to influence any national, state, or local legislation?' and 'Has the foundation engaged in any activities that have not previously been reported to the IRS?'. Includes 'Yes' and 'No' columns.

Part VII-A Statements Regarding Activities (continued)

11 At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule (see instructions)
12 Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement (see instructions)
13 Did the foundation comply with the public inspection requirements for its annual returns and exemption application?
Website address WWW.SLOAN.ORG
14 The books are in care of CHRISTOPHER SIA Telephone no. 212-649-1649
Located at 630 5TH AVENUE NEW YORK, NY ZIP + 4 10111-0242
15 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 - Check here and enter the amount of tax-exempt interest received or accrued during the year 15
16 At any time during calendar year 2011, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country? See the instructions for exceptions and filing requirements for Form TD F 90-22.1. If "Yes," enter the name of the foreign country

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

1a During the year did the foundation (either directly or indirectly):
(1) Engage in the sale or exchange, or leasing of property with a disqualified person?
(2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person?
(3) Furnish goods, services, or facilities to (or accept them from) a disqualified person?
(4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person?
(5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)?
(6) Agree to pay money or property to a government official? (Exception. Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days.)
b If any answer is "Yes" to 1a(1)-(6), did any of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance (see instructions)? Organizations relying on a current notice regarding disaster assistance check here
c Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2011?
2 Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5)):
a At the end of tax year 2011, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2011? If "Yes," list the years
b Are there any years listed in 2a for which the foundation is not applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to all years listed, answer "No" and attach statement - see instructions.)
c If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here.
3a Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year?
b If "Yes," did it have excess business holdings in 2011 as a result of (1) any purchase by the foundation or disqualified persons after May 26, 1969; (2) the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest; or (3) the lapse of the 10-, 15-, or 20-year first phase holding period? (Use Schedule C, Form 4720, to determine if the foundation had excess business holdings in 2011.)
4a Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?
b Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2011?

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required (continued)

5a During the year did the foundation pay or incur any amount to:

(1) Carry on propoganda, or otherwise attempt to influence legislation (section 4945(e))? Yes No

(2) Influence the outcome of any specific public election (see section 4955); or to carry on, directly or indirectly, any voter registration drive? Yes No

(3) Provide a grant to an individual for travel, study, or other similar purposes? Yes No

(4) Provide a grant to an organization other than a charitable, etc., organization described in section 509(a)(1), (2), or (3), or section 4940(d)(2)? (see instructions) Yes No

(5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals? Yes No

b If any answer is "Yes" to 5a(1)-(5), did **any** of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance (see instructions)? **5b** X

Organizations relying on a current notice regarding disaster assistance check here

c If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant? **ATTACHMENT 13** Yes No
If "Yes," attach the statement required by Regulations section 53.4945-5(d).

6a Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? Yes No

b Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract? **6b** Yes No
If "Yes" to 6b, file Form 8870.

7a At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction? Yes No

b If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction? **7b** Yes No

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors

1 List all officers, directors, trustees, foundation managers and their compensation (see instructions).

| (a) Name and address | (b) Title, and average hours per week devoted to position | (c) Compensation (if not paid, enter -0-) | (d) Contributions to employee benefit plans and deferred compensation | (e) Expense account, other allowances |
|----------------------|---|---|---|---------------------------------------|
| ATTACHMENT 14 | | 2,749,880. | 488,808. | 0 |
| | | | | |
| | | | | |
| | | | | |

2 Compensation of five highest-paid employees (other than those included on line 1 - see instructions). If none, enter "NONE."

| (a) Name and address of each employee paid more than \$50,000 | (b) Title, and average hours per week devoted to position | (c) Compensation | (d) Contributions to employee benefit plans and deferred compensation | (e) Expense account, other allowances |
|---|---|------------------|---|---------------------------------------|
| ATTACHMENT 15 | | 1,567,144. | 358,661. | 0 |
| | | | | |
| | | | | |
| | | | | |

Total number of other employees paid over \$50,000 28

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors (continued)

3 Five highest-paid independent contractors for professional services (see instructions). If none, enter "NONE."

| (a) Name and address of each person paid more than \$50,000 | (b) Type of service | (c) Compensation |
|--|---------------------|------------------|
| DALTON DISTRESSED MORTGAGE LOS ANGELES, CA 90025 | INVESTMENT MGMT FEE | 1,014,777. |
| MARSICO CAPITAL DENVER, CO 80202 | INVESTMENT MGMT FEE | 437,983. |
| SILCHESTER INTERNATIONAL INVESTORS NEW YORK, NY 10017 | INVESTMENT MGMT FEE | 407,449. |
| PZENA INVESTMENT MANAGEMENT LLC NEW YORK, NY 10036 | INVESTMENT MGMT FEE | 397,878. |
| BANK OF NEW YORK MELLON EVERETT, MA 02149 | INVESTMENT CUSTODY | 351,038. |
| Total number of others receiving over \$50,000 for professional services | | 10 |

Part IX-A Summary of Direct Charitable Activities

| List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc. | Expenses |
|--|----------|
| 1 SUPPORT FOR BASIC RESEARCH SEE GENERAL EXPLANATION FOR ADDITIONAL INFORMATION | 314,524. |
| 2 PUBLIC UNDERSTANDING OF SCIENCE SEE GENERAL EXPLANATION FOR ADDITIONAL INFORMATION | 65,421. |
| 3 ECONOMIC PERFORMANCE AND QUALITY OF LIFE SEE GENERAL EXPLANATION FOR ADDITIONAL INFORMATION | 124,704. |
| 4 SELECTED NATIONAL ISSUES SEE GENERAL EXPLANATION FOR ADDITIONAL INFORMATION | 96,253. |

Part IX-B Summary of Program-Related Investments (see instructions)

| Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2. | Amount |
|---|--------|
| 1 NONE | |
| 2 | |
| All other program-related investments. See instructions. | |
| 3 NONE | |
| Total. Add lines 1 through 3 | |

Part X Minimum Investment Return (All domestic foundations must complete this part. Foreign foundations, see instructions.)

| | | | |
|----------|---|-----------|----------------|
| 1 | Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes: | | |
| a | Average monthly fair market value of securities | 1a | 1,730,384,779. |
| b | Average of monthly cash balances | 1b | 1,026,531. |
| c | Fair market value of all other assets (see instructions) | 1c | |
| d | Total (add lines 1a, b, and c) | 1d | 1,731,411,310. |
| e | Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation) | 1e | |
| 2 | Acquisition indebtedness applicable to line 1 assets | 2 | |
| 3 | Subtract line 2 from line 1d | 3 | 1,731,411,310. |
| 4 | Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions) | 4 | 25,971,170. |
| 5 | Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4 | 5 | 1,705,440,140. |
| 6 | Minimum investment return. Enter 5% of line 5 | 6 | 85,272,007. |

Part XI Distributable Amount (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations check here and do not complete this part.)

| | | | |
|-----------|---|-----------|-------------|
| 1 | Minimum investment return from Part X, line 6 | 1 | 85,272,007. |
| 2a | Tax on investment income for 2011 from Part VI, line 5 | 2a | 878,677. |
| b | Income tax for 2011. (This does not include the tax from Part VI.) | 2b | |
| c | Add lines 2a and 2b | 2c | 878,677. |
| 3 | Distributable amount before adjustments. Subtract line 2c from line 1 | 3 | 84,393,330. |
| 4 | Recoveries of amounts treated as qualifying distributions | 4 | 673,083. |
| 5 | Add lines 3 and 4 | 5 | 85,066,413. |
| 6 | Deduction from distributable amount (see instructions) | 6 | |
| 7 | Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1 | 7 | 85,066,413. |

Part XII Qualifying Distributions (see instructions)

| | | | |
|----------|--|-----------|-------------|
| 1 | Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes: | | |
| a | Expenses, contributions, gifts, etc. - total from Part I, column (d), line 26 | 1a | 83,690,433. |
| b | Program-related investments - total from Part IX-B | 1b | |
| 2 | Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes | 2 | |
| 3 | Amounts set aside for specific charitable projects that satisfy the: | | |
| a | Suitability test (prior IRS approval required) | 3a | |
| b | Cash distribution test (attach the required schedule) | 3b | |
| 4 | Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4 | 4 | 83,690,433. |
| 5 | Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b (see instructions) | 5 | 878,677. |
| 6 | Adjusted qualifying distributions. Subtract line 5 from line 4 | 6 | 82,811,756. |

Note. The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years.

Part XIII Undistributed Income (see instructions)

| | (a) Corpus | (b) Years prior to 2010 | (c) 2010 | (d) 2011 |
|--|---------------|----------------------------|-------------|-------------|
| 1 Distributable amount for 2011 from Part XI, line 7 | | | | 85,066,413. |
| 2 Undistributed income, if any, as of the end of 2011: | | | | |
| a Enter amount for 2010 only | | | 29,361,568. | |
| b Total for prior years: 20 09, 20 08, 20 07 | | | | |
| 3 Excess distributions carryover, if any, to 2011: | | | | |
| a From 2006 | | | | |
| b From 2007 | | | | |
| c From 2008 | | | | |
| d From 2009 | | | | |
| e From 2010 | | | | |
| f Total of lines 3a through e | | | | |
| 4 Qualifying distributions for 2011 from Part XII, line 4: ▶ \$ 83,690,433. | | | | |
| a Applied to 2010, but not more than line 2a | | | 29,361,568. | |
| b Applied to undistributed income of prior years (Election required - see instructions) | | | | |
| c Treated as distributions out of corpus (Election required - see instructions) | | | | |
| d Applied to 2011 distributable amount | | | | 54,328,865. |
| e Remaining amount distributed out of corpus | | | | |
| 5 Excess distributions carryover applied to 2011 (If an amount appears in column (d), the same amount must be shown in column (a).) | | | | |
| 6 Enter the net total of each column as indicated below: | | | | |
| a Corpus. Add lines 3f, 4c, and 4e. Subtract line 5 | | | | |
| b Prior years' undistributed income. Subtract line 4b from line 2b | | | | |
| c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed | | | | |
| d Subtract line 6c from line 6b. Taxable amount - see instructions | | | | |
| e Undistributed income for 2010. Subtract line 4a from line 2a. Taxable amount - see instructions | | | | |
| f Undistributed income for 2011. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2012 | | | | 30,737,548. |
| 7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (see instructions) | | | | |
| 8 Excess distributions carryover from 2006 not applied on line 5 or line 7 (see instructions) | | | | |
| 9 Excess distributions carryover to 2012. Subtract lines 7 and 8 from line 6a | | 0 | | |
| 10 Analysis of line 9: | | | | |
| a Excess from 2007 | | | | |
| b Excess from 2008 | | | | |
| c Excess from 2009 | | | | |
| d Excess from 2010 | | | | |
| e Excess from 2011 | | | | |

Part XIV Private Operating Foundations (see instructions and Part VII-A, question 9) NOT APPLICABLE

1 a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2011, enter the date of the ruling
b Check box to indicate whether the foundation is a private operating foundation described in section 4942(j)(3) or 4942(j)(5)
2 a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed
b 85% of line 2a
c Qualifying distributions from Part XII, line 4 for each year listed
d Amounts included in line 2c not used directly for active conduct of exempt activities
e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c
3 Complete 3a, b, or c for the alternative test relied upon:
a "Assets" alternative test - enter:
(1) Value of all assets
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)
b "Endowment" alternative test - enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed
c "Support" alternative test - enter:
(1) Total support other than gross investment income
(2) Support from general public and 5 or more exempt organizations
(3) Largest amount of support from an exempt organization
(4) Gross investment income

Part XV Supplementary Information (Complete this part only if the foundation had \$5,000 or more in assets at any time during the year - see instructions.)

1 Information Regarding Foundation Managers:
a List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than \$5,000). (See section 507(d)(2).)
N/A
b List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest.
N/A
2 Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:
Check here [] if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc. (see instructions) to individuals or organizations under other conditions, complete items 2a, b, c, and d.
a The name, address, and telephone number of the person to whom applications should be addressed:
ATTACHMENT 16
b The form in which applications should be submitted and information and materials they should include:
ATTACHMENT 17
c Any submission deadlines:
ATTACHMENT 18
d Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors:
ATTACHMENT 19

Part XV Supplementary Information (continued)

3 Grants and Contributions Paid During the Year or Approved for Future Payment

| Recipient Name and address (home or business) | If recipient is an individual, show any relationship to any foundation manager or substantial contributor | Foundation status of recipient | Purpose of grant or contribution | Amount |
|---|--|--------------------------------------|-------------------------------------|--------------------|
| <p>a Paid during the year</p> <p>ATTACHMENT 20</p> | | | | |
| Total ▶ 3a | | | | 75,008,312. |
| <p>b Approved for future payment</p> <p>ATTACHMENT 21</p> | | | | |
| Total ▶ 3b | | | | 53,810,263. |

**FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME**

| Kind of Property | | Description | | | | P or D | Date acquired | Date sold |
|--|---------------------------------------|---------------------------------|--------------------------|---------------------------------|------------------------------------|--------------|----------------------|-----------|
| Gross sale price less expenses of sale | Depreciation allowed/ allowable | Cost or other basis | FMV as of 12/31/69 | Adj. basis as of 12/31/69 | Excess of FMV over adj basis | | Gain or (loss) | |
| | | COLCHESTER GLOBAL INVESTMENTS | | | | | VAR 111,732. | VAR |
| | | DODGE AND COX | | | | | VAR -449,722. | VAR |
| | | PRIMARY CASH | | | | | VAR 3,357. | VAR |
| | | WELLINGTON TIPS & TRYS | | | | | VAR 809,462. | VAR |
| | | AG CAPITAL RECOVERY PARTNERS | | | | | VAR 30,352. | VAR |
| | | AG CAPITAL RECOVERY PARTNERS II | | | | | VAR 37,291. | VAR |
| | | CENTERBRIDGE CREDIT | | | | | VAR 64,004. | VAR |
| | | CLIFTON CASH | | | | | VAR 291,157. | VAR |
| | | DALTON DISTRESSED MORTGAGE | | | | | VAR 3,696,016. | VAR |
| | | OZ OVERSEAS FUND LTD. | | | | | VAR 121. | VAR |
| | | PRIVATVARDE | | | | | VAR -655,892. | VAR |
| | | SPINNAKER GLOBAL | | | | | VAR 8,062,760. | VAR |

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

| Kind of Property | | Description | | | | P or D | Date acquired | Date sold |
|--|---------------------------------------|-----------------------------|--------------------------|---------------------------------|------------------------------------|--------------|----------------------|-----------|
| Gross sale price less expenses of sale | Depreciation allowed/ allowable | Cost or other basis | FMV as of 12/31/69 | Adj. basis as of 12/31/69 | Excess of FMV over adj basis | | Gain or (loss) | |
| | | FARALLON CAPITAL | | | | | VAR 4,324,191. | VAR |
| | | KEYWISE CHINA FUND | | | | | VAR -31,642. | VAR |
| | | BAIN CAPITAL FUND VII | | | | | VAR 1,127,140. | VAR |
| | | LONGREACH CAPITAL PARTNER I | | | | | VAR -3,166. | VAR |
| | | ORCHID ASIA IV | | | | | VAR 361,733. | VAR |
| | | RESOURCE CAPITAL IV | | | | | VAR 5,395,648. | VAR |
| | | BROADREACH REALTY I | | | | | VAR 512,739. | VAR |
| | | HOPLITE CAPITAL | | | | | VAR 11654115. | VAR |
| | | MERCHANT'S GATE | | | | | VAR 1,253,725. | VAR |
| | | CAP GUARD INT'L EAFE | | | | | VAR 24,357. | VAR |
| | | GAOLING FEDERER, LTD. | | | | | VAR 8,411,817. | VAR |
| | | SILCHESTER INTERNATIONAL | | | | | VAR 300,395. | VAR |

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

| Kind of Property | | Description | | | | P or D | Date acquired | Date sold |
|--|---------------------------------------|-------------------------------------|--------------------------|---------------------------------|------------------------------------|--------------|----------------------|-----------|
| Gross sale price less expenses of sale | Depreciation allowed/ allowable | Cost or other basis | FMV as of 12/31/69 | Adj. basis as of 12/31/69 | Excess of FMV over adj basis | | Gain or (loss) | |
| | | MARSICO CAPITAL MANAGEMENT | | | | | VAR 13176325. | VAR |
| | | PZENA INVESTMENT MANAGEMENT | | | | | VAR 5,268,240. | VAR |
| | | BCM CAPITAL PARTNERS | | | | | VAR 12,547. | VAR |
| | | CITICORP MEZZANINE PARTNERS | | | | | VAR -21814787. | VAR |
| | | HIGHFIELDS CAP IV | | | | | VAR 2,892,222. | VAR |
| | | SATELLITE OVERSEAS FUND | | | | | VAR 15,130. | VAR |
| | | SHORT TERM CASH | | | | | VAR 66,998. | VAR |
| | | TIGER ASIA | | | | | VAR -7407312. | VAR |
| | | WCAS XI | | | | | VAR -417,898. | VAR |
| | | WCAS X | | | | | VAR -1033157. | VAR |
| | | GAINS FROM K-1'S NOT ON BOOKS | | | | | VAR 47412594. | VAR |
| | | UNREALIZED LOSSES FOR BOOK PURPOSES | | | | | -15134066. | |

**FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME**

| Kind of Property | | Description | | | | P or D | Date acquired | Date sold |
|--|---------------------------------------|---------------------------|--------------------------|---------------------------------|------------------------------------|------------------|----------------------|-----------|
| Gross sale price less expenses of sale | Depreciation allowed/ allowable | Cost or other basis | FMV as of 12/31/69 | Adj. basis as of 12/31/69 | Excess of FMV over adj basis | | Gain or (loss) | |
| | | GAINS REPORTED ON 990-T | | | | | VAR | VAR |
| | | | | | | -156,567. | | |
| TOTAL GAIN (LOSS) | | | | | | <u>68211959.</u> | | |

FORM 990PF - GENERAL EXPLANATION ATTACHMENT

SUPPORT FOR BASIC RESEARCH
PART IX-A, LINE 1

THE FOUNDATION BELIEVES THAT A CAREFULLY REASONED AND SYSTEMATIC UNDERSTANDING OF THE FORCES OF NATURE AND SOCIETY, WHEN APPLIED INVENTIVELY AND WISELY, CAN LEAD TO A BETTER WORLD FOR ALL. GRANTMAKING INITIATIVES IN STEM RESEARCH SEEK TO EXPAND THAT UNDERSTANDING BY FUNDING ORIGINAL, HIGH-QUALITY RESEARCH IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS. ALSO FUNDED THROUGH THIS AREA ARE PROGRAMS THAT EXAMINE THE ETHICAL AND SOCIETAL RISKS ASSOCIATED WITH THE PURSUIT OF SCIENTIFIC KNOWLEDGE AND REGULATORY MEASURES DESIGNED TO MITIGATE THOSE RISKS.

FORM 990PF - GENERAL EXPLANATION ATTACHMENT

SUPPORT FOR PUBLIC UNDERSTANDING OF SCIENCE
PART IX-A, LINE 2

GRANTMAKING IN THIS PROGRAM AIMS TO ENHANCE PEOPLE'S LIVES BY PROVIDING A BETTER UNDERSTANDING OF THE INCREASINGLY SCIENTIFIC AND TECHNOLOGICAL ENVIRONMENT IN WHICH WE LIVE, AND TO CONVEY SOME OF THE CHALLENGES AND REWARDS OF THE SCIENTIFIC AND TECHNOLOGICAL ENTERPRISE AND OF THE LIVES OF THE MEN AND WOMEN WHO UNDERTAKE IT. THE PROGRAM SUPPORTS THE USE OF BOOKS, FILM, RADIO, TELEVISION, THEATER, AND OTHER EFFORTS TO REACH A WIDE GENERAL AUDIENCE.

FORM 990PF - GENERAL EXPLANATION ATTACHMENT

SUPPORT FOR ECONOMIC PERFORMANCE AND QUALITY OF LIFE
PART IX-A, LINE 3

THE ALFRED P. SLOAN FOUNDATION BELIEVES THAT A THEORY-BASED,
EMPIRICALLY-TESTED UNDERSTANDING OF THE U.S. ECONOMY AND THE U.S.
WORKFORCE IS ESSENTIAL TO IMPROVING THE LIVES OF ALL AMERICANS. IN THIS
PROGRAM AREA, THE FOUNDATION FUNDS GRANTS TO SUPPORT HIGH-QUALITY
RESEARCH AND PROGRAMS TO ENHANCE U.S. ECONOMIC PERFORMANCE AND THE
QUALITY OF AMERICAN LIFE.

FORM 990PF - GENERAL EXPLANATION ATTACHMENT

SUPPORT FOR SELECTED NATIONAL ISSUES
PART IX-A, LINE 4

THE ALFRED P. SLOAN FOUNDATION RECOGNIZES THAT THERE ARE SELECT OPPORTUNITIES OUTSIDE OF SCIENCE, EDUCATION, AND ECONOMICS IN WHICH IT CAN CREATE AN IMPORTANT BENEFIT TO SOCIETY. ITS SELECT PROJECTS PROGRAM AREA LOOKS FOR UNIQUE OPPORTUNITIES WHERE FOUNDATION FUNDS PROMISE TO ADVANCE A SIGNIFICANT NATIONAL OR INTERNATIONAL INTEREST.

FORM 990PF - GENERAL EXPLANATION ATTACHMENTSUMMARY OF DIRECT CHARITABLE ACTIVITIES
PART IX-A

DURING THE COURSE OF THE YEAR, THE FOUNDATION CONDUCTS A NUMBER OF CONFERENCES AND SEMINARS IN LINE WITH ITS PROGRAM INTERESTS. IN ADDITION, IT ALSO PUBLISHES AND DISSEMINATES THE RESULTS OF SUCH RESEARCH, REPORTS OF EDUCATIONAL CONFERENCES, OR SIMILAR EDUCATIONAL MATERIAL. IT IS IMPOSSIBLE TO QUANTIFY THE NUMBER OF BENEFICIARIES SERVED.

ATTACHMENT 1FORM 990PF, PART I - OTHER INCOME

| <u>DESCRIPTION</u> | <u>REVENUE AND EXPENSES PER BOOKS</u> | <u>NET INVESTMENT INCOME</u> |
|--|---|--------------------------------------|
| GRANT REFUNDS: | | |
| FELLOWSHIP PROGRAMS | 40,356. | |
| OTHER THAN FELLOWSHIP PROGRAMS | 357,897. | |
| RECV'D WITH GRANT TRANSFERS | 274,829. | |
| ROYALTY INC: BOOKS, VIDEOS, SOFTWARE | 1,531. | |
| INCOME FROM LP INVESTMENTS NOT INCLUDED ABOVE | | 9,600,582. |
| TOTALS | <u>674,613.</u> | <u>9,600,582.</u> |

ATTACHMENT 2FORM 990PF, PART I - LEGAL FEES

| <u>DESCRIPTION</u> | <u>REVENUE AND EXPENSES PER BOOKS</u> | <u>NET INVESTMENT INCOME</u> | <u>ADJUSTED NET INCOME</u> | <u>CHARITABLE PURPOSES</u> |
|-----------------------------|---|--------------------------------------|------------------------------------|--------------------------------|
| CSC UNITED STATES CORP | 928. | 22. | | 906. |
| DELAWARE SECRETARY OF STATE | 716. | | | 716. |
| FULLER & FULLER LLP | 5,255. | 2,085. | | 3,170. |
| MARGARET SHAW, ESQ. | 12,750. | 5,133. | | 7,617. |
| PATTERSON BELKNAP | 144,645. | 52,028. | | 80,279. |
| SHEARMAN & STERLING | 7,192. | 2,569. | | 3,902. |
| SIMPSON THATCHER | 27,202. | 27,203. | | -27,203. |
| TOTALS | <u>198,688.</u> | <u>89,040.</u> | | <u>69,387.</u> |

ATTACHMENT 3FORM 990PF, PART I - ACCOUNTING FEES

| <u>DESCRIPTION</u> | <u>REVENUE AND EXPENSES PER BOOKS</u> | <u>NET INVESTMENT INCOME</u> | <u>ADJUSTED NET INCOME</u> | <u>CHARITABLE PURPOSES</u> |
|--------------------|---|--------------------------------------|------------------------------------|--------------------------------|
| GRANT THORNTON LLP | 51,740. | 16,365. | | 1,375. |
| KPMG | 55,000. | 27,500. | | 27,500. |
| TOTALS | <u>106,740.</u> | <u>43,865.</u> | | <u>28,875.</u> |

ATTACHMENT 4FORM 990PF, PART I - OTHER PROFESSIONAL FEES

| <u>DESCRIPTION</u> | <u>REVENUE AND EXPENSES PER BOOKS</u> | <u>NET INVESTMENT INCOME</u> | <u>CHARITABLE PURPOSES</u> |
|--|---|--------------------------------------|--------------------------------|
| BANK OF NEW YORK MELLON | 351,038. | 351,038. | |
| BACKSTOP SOLUTIONS GROUP, LLC | 31,850. | 31,850. | |
| BLOOMBERG, LLP | 23,258. | 23,258. | |
| BURGISS GROUP | 12,700. | 12,700. | |
| CAMBRIDGE ASSOCIATES | 26,750. | 26,750. | |
| CAP GUARD INTERNATIONAL | 731. | 731. | |
| CLIFTON MCP HEDGE | 7,402. | 7,402. | |
| COLCHESTER GLOBAL | 289,451. | 289,451. | |
| DALTON DISTRESSED MORTGAGE | 1,014,777. | 1,014,777. | |
| DAVIS, MENDEL & REGENSTEIN | 25,000. | 25,000. | |
| DODGE AND COX | 122,752. | 122,752. | |
| MARSICO CAPITAL | 437,983. | 437,983. | |
| NEW YORK STOCK EXCHANGE, INC | 2,046. | 2,046. | |
| PROA PARTNERS | 54. | 54. | |
| PZENA INVESTMENT MANAGEMENT | 397,878. | 397,878. | |
| WELLINGTON TIPS & TREASURYS | 124,848. | 124,848. | |
| SILCHESTER INTERNATIONAL | 407,448. | 407,448. | |
| ROCKEFELLER UNIVERSITY ALLOCATED TO UBI | 305,500. | -32,721. | 305,500. |
| TOTALS | <u>3,581,466.</u> | <u>3,243,245.</u> | <u>305,500.</u> |

ATTACHMENT 5FORM 990PF, PART I - TAXES

| <u>DESCRIPTION</u> | <u>REVENUE AND EXPENSES PER BOOKS</u> |
|--------------------------|---|
| PROVISION FOR EXCISE TAX | 1,000,000. |
| TOTALS | <u>1,000,000.</u> |

ATTACHMENT 6FORM 990PF, PART I - OTHER EXPENSES

| <u>DESCRIPTION</u> | <u>REVENUE AND EXPENSES PER BOOKS</u> | <u>NET INVESTMENT INCOME</u> | <u>CHARITABLE PURPOSES</u> |
|------------------------------|---|--------------------------------------|--------------------------------|
| HONORARIA | 567,808. | 14,671. | 541,480. |
| PROGRAM OUTREACH | 96,321. | | 97,849. |
| OTHER PROGRAM EXPENSES | | | 621,227. |
| COMPUTER SYSTEM SUPPORT | 187,137. | 74,334. | 110,302. |
| TELEPHONE & POSTAGE | 126,754. | 49,404. | 73,212. |
| BOOKS AND SUBSCRIPTIONS | 40,907. | 5,472. | 35,435. |
| INSURANCE | 63,257. | 25,467. | 37,790. |
| ELECTRICITY | 14,098. | 4,625. | 9,473. |
| SUPPLIES AND SERVICES | 286,512. | 167,399. | 106,121. |
| FURNITURE AND EQUIPMENT | 135,595. | | 133,615. |
| PLACEMENT FEES | 32,144. | | 32,144. |
| TRAINING | 40,614. | 5,756. | 35,056. |
| EXPENSES OF LTD PARTNERSHIPS | | 11,117,201. | |
| TOTALS | <u>1,591,147.</u> | <u>11,464,329.</u> | <u>1,833,704.</u> |

ATTACHMENT 7FORM 990PF, PART II - CORPORATE STOCK

| <u>DESCRIPTION</u> | <u>ENDING BOOK VALUE</u> | <u>ENDING FMV</u> |
|--------------------|------------------------------|-----------------------|
| DOMESTIC EQUITIES | 65,290,798. | 65,626,154. |
| TOTALS | <u>65,290,798.</u> | <u>65,626,154.</u> |

ATTACHMENT 8FORM 990PF, PART II - CORPORATE BONDS

| <u>DESCRIPTION</u> | <u>ENDING BOOK VALUE</u> | <u>ENDING FMV</u> |
|--------------------|------------------------------|-----------------------|
| FIXED INCOME | 160,925,974. | 163,356,824. |
| TOTALS | <u>160,925,974.</u> | <u>163,356,824.</u> |

ATTACHMENT 9FORM 990PF, PART II - OTHER INVESTMENTS

| <u>DESCRIPTION</u> | <u>ENDING BOOK VALUE</u> | <u>ENDING FMV</u> |
|----------------------------|------------------------------|-----------------------|
| REAL ESTATE | 64,286,496. | 60,050,751. |
| PRIVATE EQUITY | 221,069,851. | 296,679,055. |
| GLOBAL SOVEREIGN BOND FUND | 33,127,783. | 55,379,915. |
| DOMESTIC EQUITY | 64,256,814. | 101,392,252. |
| LONG/SHORT EQUITY | 79,376,039. | 151,279,366. |
| INTERNATIONAL EQUITY | 111,207,081. | 212,190,415. |
| INDEPENDENT RETURN | 327,023,824. | 430,543,739. |
| TOTALS | <u>900,347,888.</u> | <u>1,307,515,493.</u> |

ATTACHMENT 10FORM 990PF, PART II - OTHER LIABILITIES

| <u>DESCRIPTION</u> | <u>ENDING BOOK VALUE</u> |
|--|------------------------------|
| DEFERRED COMPENSATION | 885,368. |
| ACCRUED FEDERAL EXCISE TAX | 1,556,284. |
| ACCRUED POST RETIREMENT BENEFIT OBLIGATION | 3,537,474. |
| ACCRUED EXPENSES PAYABLE | 144,095. |
| TOTALS | <u>6,123,221.</u> |

ATTACHMENT 11FORM 990PF, PART III - OTHER DECREASES IN NET WORTH OR FUND BALANCESDESCRIPTIONAMOUNT

AMOUNTS NOT YET RECOGNIZED AS A
COMPONENT OF NET PERIODIC BENEFIT COST

-6,119,270.

TOTAL

-6,119,270.

ATTACHMENT 12

FORM 990PF, PART VII-A, LINE 3 - CONFORMED COPY OF THE CHANGES

THE FOUNDATION AMENDED THE CERTIFICATE OF INCORPORATION AND THE BYLAWS.

ATTACHMENT 13FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

GRANTEE'S NAME: ARIUS ASSOCIATION
 GRANTEE'S ADDRESS: TAVERNSTRASSE 11 5405
 CITY, STATE & ZIP: BADEN
 FOREIGN COUNTRY: SWITZERLAND
 GRANT DATE: 05/26/2010
 GRANT AMOUNT: 73,128.
 GRANT PURPOSE: TO FUND PROMOTION OF MULTINATIONAL HIGH LEVEL WASTE
 REPOSITORIES OUTSIDE EUROPE
 AMOUNT EXPENDED: 73,128.
 ANY DIVERSION? NO
 DATES OF REPORTS: 9/7/2011 AND 9/8/2011
 VERIFICATION DATE: 09/08/2011
 RESULTS OF VERIFICATION:

GRANTEE'S NAME: ARIUS ASSOCIATION
 GRANTEE'S ADDRESS: TAVERNSTRASSE 11 5405
 CITY, STATE & ZIP: BADEN
 FOREIGN COUNTRY: SWITZERLAND
 GRANT DATE: 06/21/2011
 GRANT AMOUNT: 150,000.
 GRANT PURPOSE: TO SUPPORT CONTINUED EFFORTS TO LAUNCH REGIONAL
 REPOSITORY WORKING GROUPS
 AMOUNT EXPENDED: 68,614.
 ANY DIVERSION? NO
 DATES OF REPORTS: 6/28/2012
 VERIFICATION DATE:
 RESULTS OF VERIFICATION:

GRANTEE'S NAME: ECLIPSE TV PRODUCTION
 GRANTEE'S ADDRESS: 100 HUGUENOT AVE APT 6A
 CITY, STATE & ZIP: ENGLEWOOD, NJ 30305-1533
 GRANT DATE: 07/14/2008
 GRANT AMOUNT: 110,000.
 GRANT PURPOSE: TO ESTABLISH A VIDEO AND AUDIO ARCHIVE ON THE ORIGINS
 AND EARLY OPERATIONS OF EOL FOR HIST, EDUC, PO
 AMOUNT EXPENDED: 110,000.
 ANY DIVERSION? NO
 DATES OF REPORTS: 2/18/2011 AND 4/5/2011
 VERIFICATION DATE: 04/05/2011
 RESULTS OF VERIFICATION:

GRANTEE'S NAME: ASSOC. OF METROPOLITAN WATER AGENCIES
 GRANTEE'S ADDRESS: 1620 I STREET, NW SUITE 500
 CITY, STATE & ZIP: WASHINGTON, DC 20006-4027
 GRANT DATE: 09/08/2010
 GRANT AMOUNT: 125,000.
 GRANT PURPOSE: TO CONDUCT A CASE STUDY OF THE MAY 1, 2010 CATASTROPHIC
 WATER MAIN BREAK IN BOSTON
 AMOUNT EXPENDED: 125,000.
 ANY DIVERSION? NO

CONT'D ON NEXT PAGE

ATTACHMENT 13 (CONT'D)FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

DATES OF REPORTS: 4/29/2011 AND 1/30/2012
VERIFICATION DATE: 04/29/2011
RESULTS OF VERIFICATION:

GRANTEE'S NAME: UNIVERSIDAD DE CONCEPCION
GRANTEE'S ADDRESS: CAMPUS UNIVERSITARIO
CITY, STATE & ZIP: P.O. BOX 160C
FOREIGN PROVINCE: CONCEPCION
FOREIGN COUNTRY: CHILE
GRANT DATE: 06/18/2010
GRANT AMOUNT: 50,000.
GRANT PURPOSE: TO COMPLETE AND DISSEMINATE WORK OF THE CENSUS OF
MARINE LIFE IN CHILE.
AMOUNT EXPENDED: 50,000.

ANY DIVERSION? NO
DATES OF REPORTS: 1/3/2011
VERIFICATION DATE: 01/03/2011
RESULTS OF VERIFICATION:

GRANTEE'S NAME: LANDCARE RESEARCH NEW ZEALAND LIMITED
GRANTEE'S ADDRESS: P.O. BOX 40 7640
CITY, STATE & ZIP: LINCOLN
FOREIGN PROVINCE: CANTERBURY
FOREIGN COUNTRY: NEW ZEALAND
GRANT DATE: 07/12/2010
GRANT AMOUNT: 116,260.
GRANT PURPOSE: TO IDENTIFY & DISSEMINATE LESSONS LEARNED ABOUT THE
ORG & CONDUCT OF INTERNATL SCIENTIFIC PROGS
AMOUNT EXPENDED: 116,260.

ANY DIVERSION? NO
DATES OF REPORTS: 10/26/2011 AND 11/30/2011
VERIFICATION DATE: 11/30/2011
RESULTS OF VERIFICATION:

GRANTEE'S NAME: MONGOLIAN AMERICAN SCIENTIFIC RESEARCH
GRANTEE'S ADDRESS: CHINGELTEI DIST
CITY, STATE & ZIP: BAGA TOIRUU 3/9
FOREIGN PROVINCE: ULAANBAATAR
FOREIGN COUNTRY: MONGOLIA
GRANT DATE: 10/27/2010
GRANT AMOUNT: 75,000.
GRANT PURPOSE: TO FUND A CONFERENCE ON FRESH & SPENT FUEL-MANAGEMENT
AND REGIONAL NUCLEAR COOPERATION.
AMOUNT EXPENDED: 75,000.

ANY DIVERSION? NO
DATES OF REPORTS: 1/19/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:

CONT'D ON NEXT PAGE

ATTACHMENT 13 (CONT'D)FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

GRANTEE'S NAME: NEW ENGLAND STATES GOVERNMENT FINANCES
 GRANTEE'S ADDRESS: 145 TAUNTON AVENUE
 CITY, STATE & ZIP: EAST PROVIDENCE, RI 02914
 GRANT DATE: 09/10/2007
 GRANT AMOUNT: 150,000.
 GRANT PURPOSE: TO HELP LAUNCH THE NEW ENGLAND STATES PERFORMANCE
 MEASUREMENT PILOT
 AMOUNT EXPENDED: 150,000.
 ANY DIVERSION? NO
 DATES OF REPORTS: 4/8/09, 4/9/09, 5/7/10, 9/16/11
 VERIFICATION DATE: 09/16/2011
 RESULTS OF VERIFICATION:

GRANTEE'S NAME: AZAVEA, INC.
 GRANTEE'S ADDRESS: 340 N. 12TH STREET, SUITE 402
 CITY, STATE & ZIP: PHILADELPHIA, PA 19107
 GRANT DATE: 01/05/2011
 GRANT AMOUNT: 124,916.
 GRANT PURPOSE: TO READY PUBLIC MAPPING PROTOTYPE SOFTWARE FOR OPEN
 USE IN REDISTRICTING PROCESS
 AMOUNT EXPENDED: 124,916.
 ANY DIVERSION? NO
 DATES OF REPORTS: 6/30/2011
 VERIFICATION DATE: 06/30/2011
 RESULTS OF VERIFICATION:

GRANTEE'S NAME: ED REGIS
 GRANTEE'S ADDRESS: 17302 HARBAUGH VALLEY ROAD
 CITY, STATE & ZIP: SABILLASVILLE, MD 21780
 GRANT DATE: 01/05/2011
 GRANT AMOUNT: 40,800.
 GRANT PURPOSE: FOR RESEARCH AND WRITING OF A BOOK ON GENOMIC
 ENGINEERING WITH GEORGE CHURCH
 AMOUNT EXPENDED: 35,250.
 ANY DIVERSION? NO
 DATES OF REPORTS: 2/22/2012
 VERIFICATION DATE:
 RESULTS OF VERIFICATION:
 REFUNDED \$5,550.

GRANTEE'S NAME: THE INTERNET ARCHIVE
 GRANTEE'S ADDRESS: P.O. BOX 29244
 CITY, STATE & ZIP: SAN FRANCISCO, CA 94129-0244
 GRANT DATE: 01/12/2011
 GRANT AMOUNT: 58,828.
 GRANT PURPOSE: TO SUPPORT A SUMMIT ON LINKED OPEN DATA IN LIBRARIES,
 ARCHIVES, AND MUSEUMS
 AMOUNT EXPENDED: 58,828.
 ANY DIVERSION? NO
 DATES OF REPORTS: 7/2/2012

CONT'D ON NEXT PAGE

ATTACHMENT 13 (CONT'D)FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

VERIFICATION DATE:
RESULTS OF VERIFICATION:

GRANTEE'S NAME: J. WILLIAM JONES CONSULTING ENGINEERS
GRANTEE'S ADDRESS: 5561 OCEAN TERRACE DRIVE
CITY, STATE & ZIP: HUNTINGTON BEACH, CA 92648
GRANT DATE: 06/21/2011
GRANT AMOUNT: 325,250.
GRANT PURPOSE: TO DISSEMINATE AND IMPLEMENT GUIDANCE TO ASSURE USE OF
RADIOACTIVE MATERIALS ARE ADEQUATELY SECURE
AMOUNT EXPENDED: 325,250.
ANY DIVERSION? NO
DATES OF REPORTS: 11/16/2011
VERIFICATION DATE: 11/16/2011
RESULTS OF VERIFICATION:

GRANTEE'S NAME: UNIVERSITY OF LEEDS
GRANTEE'S ADDRESS: LEEDS, WEST YORKSHIRE LS2 9JT
CITY, STATE & ZIP:
FOREIGN PROVINCE: ENGLAND
GRANT DATE: 01/19/2011
GRANT AMOUNT: 60,000.
GRANT PURPOSE: TO EXPLORE THE FEASIBILITY OF AN INTERNATIONAL ACADEMIC
NETWORK FOR MEASUREMENT OF THE FORECAST
AMOUNT EXPENDED: 60,000.
ANY DIVERSION? NO
DATES OF REPORTS: 12/22/2011
VERIFICATION DATE: 12/22/2011
RESULTS OF VERIFICATION:

GRANTEE'S NAME: MICHAEL LEMONICK
GRANTEE'S ADDRESS: 249 CHERRY HILL ROAD
CITY, STATE & ZIP: PRINCETON, NJ 08540
GRANT DATE: 08/17/2011
GRANT AMOUNT: 55,000.
GRANT PURPOSE: TO SUPPORT THE WRITING OF THE BOOK "MIRROR EARTH"
AMOUNT EXPENDED: 55,000.
ANY DIVERSION? NO
DATES OF REPORTS: 6/8/2012 AND 7/18/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:

GRANTEE'S NAME: OPEN KNOWLEDGE FOUNDATION
GRANTEE'S ADDRESS: 37 PANTON STREET
CITY, STATE & ZIP: CAMBRIDGE CB2 1HL
FOREIGN PROVINCE: ENGLAND
GRANT DATE: 12/05/2011
GRANT AMOUNT: 124,315.
GRANT PURPOSE: TO PROMOTE OPEN CONTENT AND OPEN DATA PRACTICES IN
CONT'D ON NEXT PAGE

FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

ECONOMICS

AMOUNT EXPENDED:
ANY DIVERSION? NO
DATES OF REPORTS:
VERIFICATION DATE:
RESULTS OF VERIFICATION:

GRANTEE'S NAME: SOCIAL SCIENCE RESEARCH NETWORK
GRANTEE'S ADDRESS:
CITY, STATE & ZIP: ROCHESTER, NY 14618
GRANT DATE: 12/05/2011
GRANT AMOUNT: 60,490.
GRANT PURPOSE: TO DEVELOP A PLAN FOR EXTENDING THE SOCIAL SCIENCE RESEARCH NETWORKS SCOPE TO INCLUDE RESEARCH

AMOUNT EXPENDED:
ANY DIVERSION? NO
DATES OF REPORTS:
VERIFICATION DATE:
RESULTS OF VERIFICATION:

GRANTEE'S NAME: STUART FIRESTEIN
GRANTEE'S ADDRESS: 923 FAIRCHILD MC2438
CITY, STATE & ZIP: NEW YORK, NY 10027
GRANT DATE: 03/30/2011
GRANT AMOUNT: 40,000.
GRANT PURPOSE: FOR RESEARCH AND WRITING OF A BOOK ON THE VALUE OF IGNORANCE IN SCIENCE

AMOUNT EXPENDED: 40,000.
ANY DIVERSION? NO
DATES OF REPORTS: 6/20/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:

GRANTEE'S NAME: UNIVERSITY OF WARWICK
GRANTEE'S ADDRESS: GIBBET HILL ROAD
CITY, STATE & ZIP: COVENTRY CV4 8UW
FOREIGN PROVINCE: ENGLAND
GRANT DATE: 10/18/2011
GRANT AMOUNT: 561,672.
GRANT PURPOSE: TO DEVELOP MATHEMATICAL FOUNDATIONS AND APPLICATIONS FOR THE CONTROL THEORY OF COMPLEX SYSTEMS

AMOUNT EXPENDED: 371,499.
ANY DIVERSION? NO
DATES OF REPORTS:
VERIFICATION DATE:
RESULTS OF VERIFICATION:

GRANTEE'S NAME: FRIENDS OF THE INT'L MATHEMATICAL UNION
GRANTEE'S ADDRESS: 201 CHARLES ST.

CONT'D ON NEXT PAGE

ATTACHMENT 13 (CONT'D)FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

CITY, STATE & ZIP: PROVIDENCE, RI 02904
GRANT DATE: 12/05/2011
GRANT AMOUNT: 73,000.
GRANT PURPOSE: TO BRING INTERNATIONAL PARTICIPANTS AND PERSPECTIVES TO
THE PLANNING OF A MATHEMATICAL LIBRARY.
AMOUNT EXPENDED: 73,000.
ANY DIVERSION? NO
DATES OF REPORTS:
VERIFICATION DATE:
RESULTS OF VERIFICATION:

GRANTEE'S NAME: INSTITUTE FOR NEW ECONOMIC THINKING
GRANTEE'S ADDRESS: 570 LEXINGTON AVENUE, 18TH FLOOR
CITY, STATE & ZIP: NEW YORK, NY 10022
GRANT DATE: 03/15/2011
GRANT AMOUNT: 15,108.
GRANT PURPOSE: TO SUPPORT THE PARTICIPATION OF STUDENTS IN A MAJOR
CONFERENCE ON NEW ECONOMIC THINKING.
AMOUNT EXPENDED: 15,108.
ANY DIVERSION? NO
DATES OF REPORTS: 7/28/2011
VERIFICATION DATE: 07/28/2011
RESULTS OF VERIFICATION:

FORM 990PF, PART VIII - LIST OF OFFICERS, DIRECTORS, AND TRUSTEESATTACHMENT 14

| <u>NAME AND ADDRESS</u> | <u>TITLE AND AVERAGE HOURS PER WEEK DEVOTED TO POSITION</u> | <u>COMPENSATION</u> | <u>CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS</u> | <u>EXPENSE ACCT AND OTHER ALLOWANCES</u> |
|---|---|---------------------|--|--|
| PAUL L. JOSKOW 630 FIFTH AVENUE NEW YORK, NY 10111 | TRUSTEE/PRESIDENT 40.00 | 698,961. | 75,369. | 0 |
| WILLIAM B. PETERSEN 630 FIFTH AVENUE NEW YORK, NY 10111 | VP/CHIEF INVESTMENT OFFICER 40.00 | 755,244. | 85,376. | 0 |
| CHRISTOPHER T. SIA 630 FIFTH AVENUE NEW YORK, NY 10111 | TREASURER/CHIEF TECH OFFICER 40.00 | 195,000. | 79,002. | 0 |
| LEISLE LIN 630 FIFTH AVENUE NEW YORK, NY 10111 | VP FINANCE/BOARD SECRETARY 40.00 | 297,000. | 85,919. | 0 |
| STEPHEN L. BROWN 630 FIFTH AVENUE NEW YORK, NY 10111 | TRUSTEE/CHAIRMAN 2.00 | 28,000. | 0 | 0 |
| SANDRA O. MOOSE 630 FIFTH AVENUE NEW YORK, NY 10111 | TRUSTEE 2.00 | 23,000. | 0 | 0 |

FORM 990PF, PART VIII - LIST OF OFFICERS, DIRECTORS, AND TRUSTEESATTACHMENT 14 (CONT'D)

| <u>NAME AND ADDRESS</u> | <u>TITLE AND AVERAGE HOURS PER WEEK DEVOTED TO POSITION</u> | <u>COMPENSATION</u> | <u>CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS</u> | <u>EXPENSE ACCT AND OTHER ALLOWANCES</u> |
|--|---|---------------------|--|--|
| FREEMAN A. HRABOWSKI III 630 FIFTH AVENUE NEW YORK, NY 10111 | TRUSTEE 2.00 | 25,500. | 0 | 0 |
| MARTA TIENDA 630 FIFTH AVENUE NEW YORK, NY 10111 | TRUSTEE 2.00 | 23,000. | 0 | 0 |
| FREDERICK HENDERSON 630 FIFTH AVENUE NEW YORK, NY 10111 | TRUSTEE 2.00 | 23,000. | 0 | 0 |
| SHEILA E. WIDNALL 630 FIFTH AVENUE NEW YORK, NY 10111 | TRUSTEE 2.00 | 18,000. | 0 | 0 |
| GAIL M. PESYNA 630 FIFTH AVENUE NEW YORK, NY 10111 | VP OF HR & PROGRAM MANAGEMENT 40.00 | 277,900. | 72,756. | 0 |
| DORON WEBER 630 FIFTH AVENUE NEW YORK, NY 10111 | VICE PRESIDENT OF PROGRAMS 40.00 | 283,775. | 90,386. | 0 |

FORM 990PF, PART VIII - LIST OF OFFICERS, DIRECTORS, AND TRUSTEESATTACHMENT 14 (CONT'D)

| <u>NAME AND ADDRESS</u> | <u>TITLE AND AVERAGE HOURS PER WEEK DEVOTED TO POSITION</u> | <u>COMPENSATION</u> | <u>CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS</u> | <u>EXPENSE ACCT AND OTHER ALLOWANCES</u> |
|--|---|---------------------|--|--|
| JESSE AUSUBEL 630 FIFTH AVENUE NEW YORK, NY 10111 | VICE PRESIDENT OF PROGRAMS 40.00 | 0 | 0 | 0 |
| JESSE AUSUBEL IS AN EMPLOYEE OF ROCKEFELLER UNIVERSITY. THE FOUNDATION CONTRACTS WITH ROCKEFELLER UNIVERSITY FOR HIS SERVICES AS VICE PRESIDENT OF PROGRAMS. PAYMENTS FOR A PORTION OF HIS TIME TOTALING \$296,000 WERE MADE TO ROCKEFELLER UNIVERSITY DURING THE YEAR, WHICH REPRESENTS A PORTION OF HIS SALARY, NON FACULTY SALARIES, BENEFITS, OFFICE EXPENSES AND UNIVERSITY OVERHEAD. | | | | |
| RICHARD BERNSTEIN 630 FIFTH AVENUE NEW YORK, NY 10111 | TRUSTEE 2.00 | 25,500. | 0 | 0 |
| MARY SCHMIDT CAMPBELL 630 FIFTH AVENUE NEW YORK, NY 10111 | TRUSTEE 2.00 | 18,000. | 0 | 0 |
| PETER S. KIM 630 FIFTH AVENUE NEW YORK, NY 10111 | TRUSTEE 2.00 | 16,000. | 0 | 0 |

FORM 990PF, PART VIII - LIST OF OFFICERS, DIRECTORS, AND TRUSTEESATTACHMENT 14 (CONT'D)

| <u>NAME AND ADDRESS</u> | <u>TITLE AND AVERAGE HOURS PER WEEK DEVOTED TO POSITION</u> | <u>COMPENSATION</u> | <u>CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS</u> | <u>EXPENSE ACCT AND OTHER ALLOWANCES</u> |
|--|---|---------------------|--|--|
| ROBERT LITTERMAN 630 FIFTH AVENUE NEW YORK, NY 10111 | TRUSTEE 2.00 | 21,000. | 0 | 0 |
| JAMES M. POTERBA 630 FIFTH AVENUE NEW YORK, NY 10111 | TRUSTEE 2.00 | 21,000. | 0 | 0 |
| | GRAND TOTALS | <u>2,749,880.</u> | <u>488,808.</u> | <u>0</u> |

990PF, PART VIII - COMPENSATION OF THE FIVE HIGHEST PAID EMPLOYEESATTACHMENT 15

| <u>NAME AND ADDRESS</u> | <u>TITLE AND AVERAGE HOURS PER WEEK DEVOTED TO POSITION</u> | <u>COMPENSATION</u> | <u>CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS</u> | <u>EXPENSE ACCT AND OTHER ALLOWANCES</u> |
|---|---|---------------------|--|--|
| JOSEPH S. BOHRER C/O ALFRED P. SLOAN FOUNDATION 630 FIFTH AVENUE NEW YORK, NY 10111 | INVESTMENT DIRECTOR 40.00 | 453,094. | 58,965. | 0 |
| DANIEL L. GOROFF C/O ALFRED P. SLOAN FOUNDATION 630 FIFTH AVENUE NEW YORK, NY 10111 | PROGRAM DIRECTOR 40.00 | 265,562. | 67,655. | 0 |
| KATHLEEN E. CHRISTENSEN C/O ALFRED P. SLOAN FOUNDATION 630 FIFTH AVENUE NEW YORK, NY 10111 | PROGRAM DIRECTOR 40.00 | 270,562. | 88,375. | 0 |
| JENNIFER HELLER C/O ALFRED P. SLOAN FOUNDATION 630 FIFTH AVENUE NEW YORK, NY 10111 | INVESTMENT DIRECTOR 40.00 | 345,926. | 68,627. | 0 |
| PAULA OLSIEWSKI C/O ALFRED P. SLOAN FOUNDATION 630 FIFTH AVENUE NEW YORK, NY 10111 | PROGRAM DIRECTOR 40.00 | 232,000. | 75,039. | 0 |
| | TOTAL COMPENSATION | <u>1,567,144.</u> | <u>358,661.</u> | <u>0</u> |

FORM 990PF, PART XV - NAME, ADDRESS AND PHONE FOR APPLICATIONS

MR. PAUL L. JOSKOW - GRANTS
630 FIFTH AVENUE, SUITE 2550
NEW YORK, NY 10111
212-649-1649

MS. ERICA STELLA - FELLOWSHIPS
630 FIFTH AVENUE, SUITE 2550
NEW YORK, NY 10111
212-649-1649

990PF, PART XV - FORM AND CONTENTS OF SUBMITTED APPLICATIONS

GRANTS:

INFORMATION ABOUT THE APPLICANT, THE WORK THE APPLICANT PROPOSES TO DO, THE COSTS AND DURATION OF THE WORK, AND THE TAX STATUS OF THE ORGANIZATION THAT WOULD ADMINISTER THE GRANT. THE APPLICATION SHOULD NOT EXCEED 20 DOUBLE-SPACED PAGES. PROPOSALS BY E-MAIL ARE ACCEPTED.

FELLOWSHIPS:

CANDIDATES ARE NOMINATED BY DEPARTMENT HEADS OR OTHER SENIOR SCHOLARS. DIRECT APPLICATIONS ARE NOT ACCEPTED. NOMINATION FORMS ARE AVAILABLE ON REQUEST ADDRESSED TO MS. ERICA STELLA OR ONLINE TO WWW.SLOAN.ORG/FELLOWSHIPS. IN ADDITION TO THIS FORM, THE NOMINATOR SHOULD SUBMIT A LETTER DESCRIBING THE CANDIDATE'S QUALIFICATIONS AND MUST SEE THAT THE FOUNDATION RECEIVES 3 SUPPORTING LETTERS DIRECTLY FROM OTHER SCHOLARS, PREFERABLY NOT AT THE SAME INSTITUTION. A CV, A LIST OF THE CANDIDATE'S PUBLICATIONS, A ONE PAGE STATEMENT AS WELL AS ONE COPY OF EACH OF NO MORE THAN TWO REPRESENTATIVE PUBLICATIONS SHOULD ACCOMPANY THE NOMINATION FORM AND LETTER.

990PF, PART XV - SUBMISSION DEADLINES

GRANTS: NONE

FELLOWSHIPS: NOMINATIONS ARE DUE BY SEPTEMBER 15 FOR THOSE AWARDS WHICH ARE AWARDED THE FOLLOWING SEPTEMBER.

990PF, PART XV - RESTRICTIONS OR LIMITATIONS ON AWARDS

GRANTS:

THE FOUNDATION'S MAIN INTERESTS ARE IN SCIENCE AND TECHNOLOGY; STANDARDS OF LIVING AND ECONOMIC PERFORMANCE; EDUCATION AND CAREERS IN SCIENCES AND TECHNOLOGY AND SELECTED NATIONAL ISSUES. THE FOUNDATION'S ACTIVITIES DO NOT EXTEND TO THE HUMANITIES, RELIGION, THE CREATIVE OR PERFORMING ARTS, OR TO MEDICAL RESEARCH OR HEALTHCARE. GRANTS ARE NOT MADE FOR ENDOWMENTS OR FOR BUILDINGS OR EQUIPMENT, AND ARE ONLY OCCASIONALLY MADE FOR GENERAL SUPPORT OR FOR ACTIVITIES OUTSIDE THE UNITED STATES. APPLICATIONS CAN BE MADE AT ANY TIME FOR SUPPORT OF ACTIVITIES RELATED TO THE RANGE OF INTERESTS INDICATED ABOVE. GRANTS OF \$125,000 OR LESS ARE MADE THROUGHOUT THE YEAR BY THE OFFICERS OF THE FOUNDATION.

FELLOWSHIPS:

THE ALFRED P. SLOAN RESEARCH FELLOWSHIPS SEEK TO STIMULATE FUNDAMENTAL RESEARCH BY EARLY-CAREER SCIENTISTS AND SCHOLARS OF OUTSTANDING PROMISE. THESE TWO-YEAR FELLOWSHIPS ARE AWARDED YEARLY TO 118 RESEARCHERS IN RECOGNITION OF DISTINGUISHED PERFORMANCE AND A UNIQUE POTENTIAL TO MAKE SUBSTANTIAL CONTRIBUTIONS TO THEIR FIELD. CANDIDATES FOR SLOAN RESEARCH FELLOWSHIPS MAY BE NO MORE THAN SIX YEARS FROM COMPLETION OF THEIR PH.D. AS OF THE YEAR OF NOMINATION UNLESS SPECIAL CIRCUMSTANCES SUCH AS MILITARY SERVICE, A CHANGE OF FIELD OR CHILD REARING ARE INVOLVED OR UNLESS THEY HAVE HELD A FACULTY APPOINTMENT FOR LESS THAN TWO YEARS. THEY ARE REQUIRED TO HOLD A PH.D. (OR EQUIVALENT) IN CHEMISTRY, PHYSICS, MATHEMATICS, ECONOMICS, COMPUTER SCIENCE, NEUROSCIENCE, OR COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY OR IN A RELATED INTERDISCIPLINARY FIELD. THEY MUST BE MEMBERS OF THE REGULAR FACULTY OF A COLLEGE OR UNIVERSITY IN THE UNITED STATES OR CANADA.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| ADLER PLANETARIUM 1300 S LAKE SHORE DRIVE CHICAGO, IL 60610 | NONE 501 C 3 PUBLIC CHARITY | TO DEMONSTRATE THE ABILITY OF DATA ANALYSIS THROUGH CITIZEN SCIENCE TO MAKE SIGNIFICANT CONTRIBUTIONS ACROSS THE WIDEST POSSIBLE RANGE OF RESEARCH AREAS | 636,484. |
| UNIVERSITY OF ALASKA, ANCHORAGE 3211 PROVIDENCE DRIVE ANCHORAGE, AK 99508 | NONE 170 (B) (1) (A) (II) | TO FUND FOR AN ADDITIONAL THREE YEARS THE RECRUITMENT AND RETENTION PORTION OF THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP PROGRAM AT THE UNIVERSITY OF ALASKA | 64,000. |
| THE ALEXANDRIA ARCHIVE INSTITUTE 125 EL VERANO WAY SAN FRANCISCO, CA 94127 | NONE 501 C 3 PUBLIC CHARITY | TO PROMOTE GREATER PROFESSIONAL ACCEPTANCE AND RECOGNITION FOR SCIENTIFIC DATA DISSEMINATION BY DEVELOPING EDITORIAL PROCESSES THAT ENHANCE DATA QUALITY AND USABILITY | 109,850. |
| AMERICAN ACADEMY OF ARTS AND SCIENCES NORTON'S WOODS,136 IRVING STREET CAMBRIDGE, MA 02138 | NONE 170 (B) (1) (A) (VI) | TO IDENTIFY AND PROMOTE MEASURES THAT WILL LIMIT THE SECURITY AND PROLIFERATION RISKS INHERENT IN THE GLOBAL EXPANSION OF NUCLEAR POWER | 141,000. |
| AMERICAN CHEMICAL SOCIETY 1155 SIXTEENTH STREET, NW WASHINGTON, DC 20036 | NONE 509 (A) (2) | TO FUND FOR THREE YEARS AN AWARD RECOGNIZING A DISTINGUISHED MINORITY CHEMIST WHILE THE AMERICAN CHEMICAL SOCIETY RAISES FUNDS TO ENDOW THE AWARD | 18,000. |
| AMERICAN COUNCIL ON EDUCATION ONE DUPONT CIRCLE, NW, SUITE 800 WASHINGTON, DC 20036-1193 | NONE 170 (B) (1) (A) (VI) | WASHINGTON, DC 20036-1193 TO SUPPORT AN INVITATIONAL CONFERENCE AND AWARDS PROGRAM ON THE CULMINATING STAGE OF FACULTY CAREERS IN HIGHER EDUCATION | 348,921. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| AMERICAN COUNCIL ON EDUCATION ONE DUPONT CIRCLE, NW, SUITE 800 WASHINGTON, DC 20036-1193 | NONE 170 (B) (1) (A) (VI) | TO CONDUCT A FOURTH ROUND OF THE ALFRED P. SLOAN AWARDS FOR FACULTY CAREER FLEXIBILITY WITH A FOCUS ON SCHOOLS OF MEDICINE AND TO CONTINUE TO DISSEMINATE BEST PRACTICES AND LESSONS LEARNED FROM THE WINNING INSTITUTIONS THROUGHOUT HIGHER EDUCATION | 394,290. |
| AMERICAN FILM INSTITUTE INC. 2021 NORTH WESTERN AVENUE LOS ANGELES, CA 90027 | NONE 170 (B) (1) (A) (VI) | FOR SCREENWRITING AND PRODUCTION OF SCIENCE AND TECHNOLOGY FILMS BY THE TOP FILM STUDENTS | 90,000. |
| AMERICAN INDIAN COLLEGE FUND 8333 GREENWOOD BLVD. DENVER, CO 80221 | NONE 501 C 3 PUBLIC CHARITY | TO INCREASE THE NUMBER OF FACULTY WHO POSSESS GRADUATE DEGREES IN MATHEMATICS, NATURAL SCIENCE, AND ENGINEERING AT TRIBAL COLLEGES AND UNIVERSITIES | 100,000. |
| AMERICAN MUSEUM OF NATURAL HISTORY CENTRAL PARK WEST AT 79TH STREET NEW YORK, NY 10024 | NONE 170 (B) (1) (A) (VI) | TO FOSTER APPLICATIONS OF DNA BARCODING FOR CONSERVING BIODIVERSITY, REDUCING CONSUMER FRAUD, AND PROTECTING HUMAN HEALTH | 250,000. |
| AMERICAN MUSEUM OF THE MOVING IMAGE 36-01 35TH AVENUE ASTORIA, NY 11106 | NONE 170 (B) (1) (A) (VI) | TO SHOWCASE AWARD-WINNING STUDENT FILMS AND TO MAINTAIN A GO-TO SITE FOR ALL SLOAN FILM AND TELEVISION PROJECTS AND FOR ALL SLOAN FILM PROGRAM PARTICIPANTS | 83,890. |
| AMERICAN SOCIETY FOR ENGINEERING EDUCATION 1818 N STREET, NW, SUITE 600 WASHINGTON, DC 20036 | NONE 170 (B) (1) (A) (VI) | TO ENABLE THE AMERICAN SOCIETY FOR ENGINEERING EDUCATION TO LAUNCH A PROGRAM TO ROUTINELY COLLECT AND REPORT DATA ON UNDERGRADUATE ENGINEERING COMPLETION RATES AND TIME-TO-DEGREE | 228,536. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| AMERICAN UNIVERSITY 4400 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20016-8061 | NONE 170 (B) (1) (A) (II) | TO CREATE A RESEARCH DATABASE BY SAMPLING AND DIGITALLY PRESERVING PERSONAL BANKRUPTCY RECORDS GOING BACK OVER A CENTURY | 207,665. |
| ARIZONA BOARD OF REGENTS, THE UNIVERSITY OF ARIZON PO BOX 3308 TUCSON, AZ 85722-3308 | NONE 170 (B) (1) (A) (II) | TO FUND, FOR AN ADDITIONAL THREE YEARS, THE RECRUITMENT AND RETENTION PORTION OF THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP AT THE UNIVERSITY OF ARIZONA | 48,180. |
| BOSTON COLLEGE TRUSTEES 140 COMMONWEALTH AVENUE CHESTNUT HILL, MA 2467 | NONE 170 (B) (1) (A) (II) | FOR A RENEWAL GRANT FOR THE BOSTON COLLEGE CENTER ON AGING AND WORK | 1,031,832. |
| THE BROOKINGS INSTITUTION 1775 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036 | NONE 170 (B) (1) (A) (VI) | TO COMMISSION PAPERS, HOLD CONFERENCES, AND PUBLISH A SERIES OF RESEARCH ARTICLES ON FINANCIAL MARKETS AND INSTITUTIONS IN THE JOURNAL: BROOKINGS PAPERS ON ECONOMIC ACTIVITY | 142,904. |
| THE BROOKINGS INSTITUTION 1775 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036 | NONE 170 (B) (1) (A) (VI) | FOR AN ANNUAL AND INDEPENDENT FORUM THAT WILL IDENTIFY, ANALYZE, DISCUSS, AND PROMOTE OPTIONS FOR INTERNATIONAL MONETARY REFORM | 302,674. |
| THE BROOKINGS INSTITUTION 1775 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036 | NONE 170 (B) (1) (A) (VI) | TO DEVELOP ESTIMATES OF HOW THE DECISION BY AMERICAN WORKERS TO RETIRE LATER IMPACTS PUBLIC BUDGETS AND THE ECONOMY | 204,039. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| THE BROOKINGS INSTITUTION 1775 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036 | NONE 170 (B) (1) (A) (VI) | TO HOLD A MEETING TO ASSESS THE CURRENT STATE OF RESEARCH IN INDUSTRIAL ORGANIZATION AND TO EXPLORE WAYS TO MAKE THE FIELD MORE ENGAGED WITH LIVE EMPIRICAL AND POLICY ISSUES | 19,616. |
| THE BROOKINGS INSTITUTION 1775 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036 | NONE 170 (B) (1) (A) (VI) | TO PUBLISH THROUGH BPEA FINANCIAL RESEARCH AND ECONOMIC DATA THAT IS ACCESSIBLE, RELIABLE, AND INFLUENTIAL | 300,000. |
| BROOKLYN ACADEMY OF MUSIC INC 30 LAFAYETTE AVENUE BROOKLYN, NY 11217 | NONE 170 (B) (1) (A) (VI) | TO PRODUCE A FEATURE-LENGTH DOCUMENTARY ON ROBERT WILSON AND PHILIP GLASS'S HISTORIC OPERA, EINSTEIN ON THE BEACH, AND DISTRIBUTE IT FOR INTERNATIONAL THEATRICAL RELEASE AND DOMESTIC TELEVISION BROADCAST | 300,000. |
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 1995 UNIVERSITY AVENUE BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | TO SUPPORT RESEARCH ON THE POLICIES ADOPTED BY VARIOUS COUNTRIES TO SUSTAIN THE GROWTH OF EMPLOYMENT AND PRODUCTIVITY ON BEHALF OF THEIR CITIZENS | 75,000. |
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 1995 UNIVERSITY AVENUE BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | TO IMPROVE UNDERSTANDING OF COPYRIGHT ECONOMICS IN THE DIGITAL | 166,750. |
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 1995 UNIVERSITY AVENUE BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | RETIREMENT AMONG LATE-CAREER FACULTY AT THE UNIVERSITY OF CALIFORNIA | 187,962. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 1995 UNIVERSITY AVENUE BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | TO STUDY ENERGY EFFICIENCY GAINS AND PARTICIPATION RATES ASSOCIATED WITH THE FEDERAL WEATHERIZATION ASSISTANCE PROGRAM THROUGH RANDOMIZED-CONTROL TRIALS USING DATA FROM MICHIGAN | 57,500. |
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 1995 UNIVERSITY AVENUE BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | TO COLLECT AND ANALYZE EXPERIMENTAL DATA FOR POWERFUL STATISTICAL TESTS OF HOW WEATHERIZATION AFFECTS HOUSEHOLD ENERGY EFFICIENCY | 414,317. |
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 1995 UNIVERSITY AVENUE BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | TO DEVELOP SOLUTIONS TO COPYRIGHT LAW OBSTACLES TO COLLECT AND ANALYZE EXPERIMENTAL DATA FOR POWERFUL STATISTICAL TESTS OF HOW WEATHERIZATION AFFECTS HOUSEHOLD ENERGY EFFICIENCY | 270,250. |
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 1995 UNIVERSITY AVENUE BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | TO DEVELOP SOLUTIONS TO COPYRIGHT LAW OBSTACLES FACING PUBLIC DIGITAL LIBRARY INITIATIVES AND COORDINATE THEM WITH THE DIGITAL PUBLIC LIBRARY OF AMERICA EFFORT | 390,655. |
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 1995 UNIVERSITY AVENUE BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | TO SUPPORT A PILOT STUDY TO EXAMINE THE MICROBIAL PROFILES FOUND IN THE AIR, WATER, AND SURFACES OF A NEONATAL INTENSIVE CARE UNIT AND COMPARE THEM TO THE MICROBIAL PROFILES FROM THE GUT OF PREMATURE INFANTS | 176,062. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, DAVIS 1 SHEILDS AVE DAVIS, CA 95616 | NONE 170 (B) (1) (A) (VI) | DEVELOP A WEST COAST RESEARCH NETWORK AND PROGRAM ON SCIENCE AND ENGINEERING WORKERS | 299,405. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, DAVIS 1 SHEILDS AVE DAVIS, CA 95616 | NONE 170 (B) (1) (A) (VI) | TO ESTABLISH AND SUPPORT THE MICRO BIOMES OF BUILT ENVIRONMENTS NETWORK (MICROBE NET) | 456,183. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, DAVIS 1 SHEILDS AVE DAVIS, CA 95616 | NONE 170 (B) (1) (A) (VI) | TO INITIATE THE RESEARCH OF THE TEAM OF THE DEEP CARBON OBSERVATORY CONCERNED WITH BASIC PHYSICS AND CHEMISTRY OF CARBON AT THE EXTREME PRESSURE AND TEMPERATURE CONDITIONS OF EARTH'S INTERIOR | 500,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, DAVIS 1 SHEILDS AVE DAVIS, CA 95616 | NONE 170 (B) (1) (A) (VI) | TO ENABLE INTERNATIONAL ECONOMIC COMPARISONS BY SUPPORTING THE PENN WORLD TABLE'S NEXT GENERATION | 200,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, LOS A 405 HILGARD AVENUE LOS ANGELES, CA 90095 | NONE 170 (B) (1) (A) (II) | TO IMPROVE OUR UNDERSTANDING OF HOW INTERGENERATIONAL SUPPORT FOR PARENTS, ADULT CHILDREN, AND GRANDCHILDREN INFLUENCES LABOR SUPPLY OF OLDER ADULTS NEARING RETIREMENT | 141,707. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, LOS A 405 HILGARD AVENUE LOS ANGELES, CA 90095 | NONE 170 (B) (1) (A) (II) | TO CONDUCT ETHNOGRAPHIC RESEARCH OF SCIENTIFIC INFORMATION AND DATA PRACTICES | 475,897. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, RIVER 900 UNIVERSITY AVENUE RIVERSIDE, CA 92521 | NONE 170 (B) (1) (A) (II) | TO PROVIDE TOOLS AND A DATA ARCHIVE FOR ANALYZING SEQUENCE DATA OF MICROBIAL COMMUNITIES IN THE INDOOR ENVIRONMENT | 495,653. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| CARNEGIE ENDOWMENT FOR INTERNATIONAL PEACE 1779 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036 | NONE 170 (B) (1) (A) (VI) | TO PROVIDE FURTHER SUPPORT TO THE CARNEGIE ENDOWMENT'S PROJECT TO DEVELOP VOLUNTARY PRINCIPLES OF CONDUCT FOR NUCLEAR REACTOR VENDORS | 125,000. |
| CARNEGIE INSTITUTION OF WASHINGTON 1530 P STREET, N.W. WASHINGTON, DC 20005 | NONE 501 C 3 PUBLIC CHARITY | TO INITIATE THE RESERVOIRS AND FLUXES DIRECTORATE OF THE DEEP CARBON OBSERVATORY | 900,000. |
| CARNEGIE MELLON UNIVERSITY 5000 FORBES AVENUE PITTSBURGH, PA 15213-3890 | NONE 170 (B) (1) (A) (II) | TO ENCOURAGE TOP FILM STUDENTS TO WRITE SCREENPLAYS ABOUT SCIENCE AND TECHNOLOGY AND TO HELP THEIR CAREERS | 96,761. |
| CARNEGIE MELLON UNIVERSITY 5000 FORBES AVENUE PITTSBURGH, PA 15213-3890 | NONE 170 (B) (1) (A) (II) | TO CONDUCT AND PROMOTE RESEARCH ON THE CREDIT RATING INDUSTRY AND ITS REGULATION | 114,620. |
| CENTER FOR NEW AMERICAN SECURITY INC 1301 PENNSYLVANIA AVENUE, SUITE 403 WASHINGTON, DC 20004 | NONE 501 C 3 PUBLIC CHARITY | TO FURTHER EXAMINE AUM SHINRIKYO'S ATTEMPTS TO USE ANTHRAX TO ATTACK TOKYO | 54,000. |
| CENTER FOR INDEPENDENT DOCUMENTARY, INC. 680 S MAIN ST SHARON, MA 02067-2868 | NONE 501 C 3 PUBLIC CHARITY | TO SUPPORT THE PRODUCTION OF A PBS DOCUMENTARY ON "COMING OF AGE IN AGING AMERICA" | 215,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| THE CHEMICAL HERITAGE FOUNDATION 315 CHESTNUT STREET PHILADELPHIA, PA 19106 | NONE 501 C 3 PUBLIC CHARITY | TO INCREASE AWARENESS OF THE ROLE OF WOMEN IN CHEMISTRY DURING THE INTERNATIONAL YEAR OF CHEMISTRY | 255,000. |
| THE UNIVERSITY OF CHICAGO 5801 SOUTH ELLIS AVENUE CHICAGO, IL 60637 | NONE 170 (B) (1) (A) (II) | TO FUND A PILOT PROJECT TO EXAMINE THE MICRO BIOME ASSOCIATED WITH SURFACES IN THE HOME | 141,450. |
| THE UNIVERSITY OF CHICAGO 5801 SOUTH ELLIS AVENUE CHICAGO, IL 60637 | NONE 170 (B) (1) (A) (II) | TO CONSTRUCT AND CALIBRATE MODELS FOR ANALYZING HOW THE FINANCIAL SECTOR AND ITS REGULATION CAN INFLUENCE THE MACRO ECONOMY | 331,890. |
| RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW 230 WEST 41ST STREET NEW YORK, NY 10036 | NONE 170 (B) (1) (A) (VI) | TO ENCOURAGE AND SUPPORT PROMISING EARLY CAREER SCIENTISTS AT BOTH STUDENT AND FACULTY LEVELS THROUGH TWO AWARDS PROGRAMS: A SUMMER UNDERGRADUATE RESEARCH PROGRAM AND A JUNIOR FACULTY FELLOWSHIP PROGRAM | 500,000. |
| CLEAN AIR TASK FORCE, INC. 18 TREMONT STREET, SUITE 530 BOSTON, MA 2108 | NONE 509 (A) (2) | TO ORGANIZE THE FORMULATION OF A STUDY GROUP, A RESEARCH FRAMEWORK, AND A REQUEST-FOR-PROPOSALS TO INVESTIGATE THE ENERGY EFFICIENCY PARADOX | 150,000. |
| COLD SPRING HARBOR LABORATORY PO BOX 534 COLD SPRING HARBOR, NY 11724-0534 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT A PILOT PROJECT FOR DNA BARCODING EXPERIMENTS BY NEW YORK CITY HIGH SCHOOL STUDENTS | 150,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| THE REGENTS OF THE UNIVERSITY OF COLORADO 1800 GRANT STREET BOULDER, CO 80309-0572 | NONE 170 (B) (1) (A) (II) | TO UNDERSTAND CORPORATE ATTITUDES TOWARDS E-LEARNING | 10,000. |
| THE REGENTS OF THE UNIVERSITY OF COLORADO 1800 GRANT STREET BOULDER, CO 80309-0572 | NONE 170 (B) (1) (A) (II) | ANALYZING SEQUENCE DATA OF MICROBIAL COMMUNITIES IN THE INDOOR ENVIRONMENT | 147,317. |
| THE REGENTS OF THE UNIVERSITY OF COLORADO 1800 GRANT STREET BOULDER, CO 80309-0572 | NONE 170 (B) (1) (A) (II) | TO CONDUCT A PILOT STUDY TO EXAMINE THE DIVERSITY AND STRUCTURE OF BACTERIAL COMMUNITIES IN KITCHENS | 64,121. |
| THE REGENTS OF THE UNIVERSITY OF COLORADO 1800 GRANT STREET BOULDER, CO 80309-0572 | NONE 170 (B) (1) (A) (II) | TO ASSESS THE MICROBIOLOGY OF MUNICIPAL WATER DELIVERY SYSTEMS IN THE U.S. | 800,000. |
| THE REGENTS OF THE UNIVERSITY OF COLORADO 1800 GRANT STREET BOULDER, CO 80309-0572 | NONE 170 (B) (1) (A) (II) | TO ORGANIZE AND CONVENE THREE ANNUAL MEETINGS ON THE MICROBIOLOGY OF THE BUILT ENVIRONMENT | 400,000. |
| THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF 1210 AMSTERDAM AVENUE NEW YORK, NY 10027 | NONE 170 (B) (1) (A) (II) | FOR A PILOT PRODUCTION GRANT TO ENCOURAGE THE NEXT GENERATION OF FILMMAKERS TO INCORPORATE SCIENCE AND TECHNOLOGY THEMES INTO STORYTELLING FOR THE WORLD WIDE WEB | 75,108. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF 1210 AMSTERDAM AVENUE NEW YORK, NY 10027 | NONE 170 (B) (1) (A) (II) | TO CONDUCT BEHAVIORAL RESEARCH ON DECISION-MAKING BY CONSUMERS THAT INFORMS THE DESIGN OF HEALTH INSURANCE EXCHANGES | 124,948. |
| THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF 1210 AMSTERDAM AVENUE NEW YORK, NY 10027 | NONE 170 (B) (1) (A) (II) | TO CREATE A GRAPHICAL, OPEN-SOURCE CITATION STYLE LANGUAGE (CSL) EDITOR THAT CAN BE USED TO DEVELOP, EDIT, AND CUSTOMIZE BIBLIOGRAPHIC REFERENCE STYLES | 124,996. |
| CONNECTICUT PUBLIC BROADCASTING INC 1049 ASYLUM AVENUE HARTFORD, CT 06105-2411 | NONE 501 C 3 PUBLIC CHARITY | FOR PRODUCTION, BROADCAST, AND OUTREACH FOR A TWO-PART PUBLIC TELEVISION SERIES ABOUT WHAT IMPACT THE SCIENCE BEHIND BRAIN SCANS COULD OR SHOULD HAVE ON THE CRIMINAL JUSTICE SYSTEM | 600,000. |
| CONSORTIUM FOR OCEAN LEADERSHIP INC. 1201 NEW YORK AVENUE, NW, SUITE 400 WASHINGTON, DC 20005 | NONE 170 (B) (1) (A) (VI) | TO DISSEMINATE AND ASSURE THE LEGACIES OF THE CENSUS OF MARINE LIFE | 400,000. |
| COOLIDGE CORNER THEATRE FOUNDATION INC 290 HARVARD STREET BROOKLINE, MA 2446 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT COOLIDGE CORNER THEATRE'S SCIENCE ON SCREEN SERIES AND EXPAND IT WITH SMALL GRANTS TO 40 THEATERS NATIONWIDE | 231,713. |
| CORNELL UNIVERSITY 410 THURSTON AVE ITHACA, NY 14853 | NONE 170 (B) (1) (A) (II) | TO DEVELOP, TEST, AND PROPAGATE INNOVATIVE BAYESIAN METHODS FOR ESTIMATING AND INSTITUTIONS | 92,274. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| CORPORATE VOICES FOR WORKING FAMILIES MAIL STOP 1899, L STREET NW, SUITE 250 WASHINGTON, DC 20036 | NONE 170 (B) (1) (A) (VI) | TO INTRODUCE WORKPLACE FLEXIBILITY AS A RELEVANT CORPORATE RESPONSIBILITY (CR) GAGE, INTEGRATE WORKPLACE FLEXIBILITY METRICS INTO EMERGING CORPORATE RESPONSIBILITY REPORTING FRAMEWORKS | 20,000. |
| COUNCIL OF GRADUATE SCHOOLS ONE DUPONT CIRCLE, NW, SUITE 230 WASHINGTON, DC 20036-1173 | NONE 170 (B) (1) (A) (VI) | TO LAUNCH A PROJECT FOCUSING ON COMPLETION AND ATTRITION IN STEM MASTER'S PROGRAMS | 305,221. |
| COUNCIL OF GRADUATE SCHOOLS ONE DUPONT CIRCLE, NW, SUITE 230 WASHINGTON, DC 20036-1173 | NONE 170 (B) (1) (A) (VI) | TO CONTINUE AND COMPLETE THE WORK OF THE COUNCIL OF GRADUATE SCHOOLS TO INSTITUTIONALIZE AND PROMOTE THE PROFESSIONAL SCIENCE MASTER'S (PSM) AS A REGULAR FEATURE OF GRADUATE EDUCATION | 300,000. |
| COUNCIL ON FOREIGN RELATIONS, INC. 58 EAST 68TH STREET NEW YORK, NY 10065 | NONE 170 (B) (1) (A) (VI) | TO CONDUCT A PROGRAM OF RESEARCH AND PUBLICATION ON ENERGY SECURITY, ESPECIALLY RELATED TO OIL | 748,179. |
| COUNCIL ON FOUNDATIONS 2121 CRYSTAL DRIVE, SUITE 700 ARLINGTON, VA 22202 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT WORK ON BEHALF OF THE NONPROFIT AND CHARITABLE COMMUNITY | 45,000. |
| CREATIVE COMMONS CORPORATION 444 CASTRO STREET, SUITE 900 MOUNTAIN VIEW, CA 94041 | NONE 501 C 3 PUBLIC CHARITY | TO DEFINE THE MAIN ISSUES AND CHALLENGES OF ENABLING A LARGE-SCALE SCIENCE COMMONS AND AN ACHIEVABLE STRATEGIC PLAN FOR CREATIVE COMMONS | 250,917. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| TRUSTEES OF DARTMOUTH COLLEGE 14 N MAIN STREET HANOVER, NH 03755 | NONE 501 C 3 PUBLIC CHARITY | TO CREATE AND STUDY NETWORK MODELS OF SYSTEMIC RISK IN BANKING AND FINANCE | 54,333. |
| FEDORA COMMONS INC. (D.B.A. DURASPACE) P.O. BOX 7144 ITHACA, NY 14850 | NONE 501 C 3 PUBLIC CHARITY | TO DEVELOP AND DEPLOY A "DIRECT-TO-RESEARCHER" CLOUD-BASED DATA PLATFORM | 497,433. |
| EAST CAROLINA UNIVERSITY FOUNDATION INC 2200 SOUTH CHALRES BLVD GREENVILLE, NC 27858 | NONE 501 C 3 PUBLIC CHARITY | TO DEVELOP THE DEEP CARBON OBSERVATORY'S DEEP LIFE DIRECTORATE | 800,000. |
| ENSEMBLE STUDIO THEATRE, INC. 549 WEST 52ND STREET NEW YORK, NY 10019 | NONE 170 (B) (1) (A) (VI) | TO COMMISSION, DEVELOP, PRODUCE AND DISSEMINATE NEW SCIENCE PLAYS IN NEW YORK AND ACROSS THE COUNTRY | 567,000. |
| FAMILIES AND WORK INSTITUTE, INC. 267 FIFTH AVENUE - 2ND FLOOR NEW YORK, NY 10016 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT DEVELOPMENT OF FLEXIBILITY ONLINE TO ADVANCE ADOPTION OF A FLEXIBLE WORK PROGRAM | 1,600,000. |
| FILM INDEPENDENT, INC. 9911 W. PICO BOULEVARD, 11TH FLOOR LOS ANGELES, CA 90035 | NONE 509 (A) (2) | TO DEVELOP SCIENCE SCRIPTS AND SUPPORT PRODUCING TEAMS DEVELOPING SLOAN-WORTHY FEATURE FILMS | 110,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| STUART FIRESTEIN 923 FAIRCHILD MC2438 NEW YORK, NY 10027 | NONE INDIVIDUAL | FOR RESEARCH AND WRITING OF A BOOK ON THE VALUE OF IGNORANCE IN SCIENCE | 40,000. |
| FOUNDATION CENTER 79 FIFTH AVENUE NEW YORK, NY 10003 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT WORK ON BEHALF OF THE NONPROFIT AND CHARITABLE COMMUNITY | 65,000. |
| FRIENDS OF THE INTERNATIONAL MATHEMATICAL UNION 201 CHARLES ST. PROVIDENCE, RI 2904 | NONE 501 C 3 PRI NON OP FDN | TO BRING INTERNATIONAL PARTICIPANTS, PERSPECTIVES, AND POTENTIAL PARTNERS TO THE PLANNING OF A MATHEMATICAL HERITAGE LIBRARY | 73,000. |
| FUND FOR PUBLIC HEALTH IN NEW YORK, INC. 22 CORTLANDT STREET, SUITE 1103 NEW YORK, NY 10007-3160 | NONE 501 C 3 PUBLIC CHARITY | TO IMPROVE NYC'S DEPARTMENT OF HEALTH AND MENTAL HYGIENE'S SYNDROMIC SURVEILLANCE SYSTEMS | 792,244. |
| FUND FOR THE CITY OF NEW YORK, INC. 121 AVENUE OF THE AMERICAS NEW YORK, NY 10013 | NONE 170 (B) (1) (A) (VI) | SUPPORT FOR SLOAN AWARDS FOR EXCELLENCE IN TEACHING SCIENCE AND MATHEMATICS IN NEW YORK CITY PUBLIC HIGH SCHOOLS | 260,000. |
| FUND FOR THE CITY OF NEW YORK, INC. 121 AVENUE OF THE AMERICAS NEW YORK, NY 10013 | NONE 170 (B) (1) (A) (VI) | TO CONTINUE SUPPORT FOR THE SLOAN PUBLIC SERVICE AWARDS | 150,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| FUND FOR THE CITY OF NEW YORK, INC. 121 AVENUE OF THE AMERICAS NEW YORK, NY 10013 | NONE 170 (B) (1) (A) (VI) | TO PROVIDE PARTIAL SUPPORT FOR THE SLOAN PUBLIC SERVICE AWARDS PROGRAM | 250,000. |
| GEORGE MASON UNIVERSITY 4400 UNIVERSITY DRIVE FAIRFAX, VA 22030 | NONE 170 (B) (1) (A) (II) | TO CONTINUE SUPPORT FOR THE SLOAN PUBLIC SERVICE A TO PIONEER NEW METHODS FOR CAPTURING AND HIGHLIGHTING ONLINE SCHOLARLY MATERIALS IN WAYS THAT ARE USEFUL TO RESEARCH COMMUNITIES | 615,734. |
| GEORGE MASON UNIVERSITY 4400 UNIVERSITY DRIVE FAIRFAX, VA 22030 | NONE 170 (B) (1) (A) (II) | TO PROVIDE UPDATED SOFTWARE, DATA, AND EDUCATION THAT FACILITATE PUBLIC PARTICIPATION IN THE REDISTRICTING OF NEW YORK STATE | 379,704. |
| GEORGETOWN UNIVERSITY 37TH & O STREET, NW WASHINGTON, DC 20057 | NONE 170 (B) (1) (A) (II) | TO SUPPORT A PROGRAM OF RESEARCH, REPORTS, EXPERT ROUNDTABLES, AND PUBLIC BRIEFINGS ON BEST PRACTICES RELATED TO CURRENT AND FUTURE MANAGEMENT OF BOTH TEMPORARY AND PERMANENT PROGRAMS FOR IMMIGRATION OF SKILLED WORKERS TO THE U.S | 141,551. |
| RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK 365 FIFTH AVENUE NEW YORK, NY 10016-4309 | NONE 170 (B) (1) (A) (II) | ASSESS EFFECTIVENESS AND IMPACT OF SLOAN ANYTIME/ANYPLACE EDUCATION PROGRAM | 75,000. |
| RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK 365 FIFTH AVENUE NEW YORK, NY 10016-4309 | NONE 170 (B) (1) (A) (II) | TO DEVELOP AND TEST WITH THE MODERN LANGUAGE ASSOCIATION (MLA) AN ALPHA VERSION OF A "COMMONS-IN-A-BOX" SOFTWARE TOOL FOR SCHOLARLY COMMUNITIES FIRST DEVELOPED AT CITY UNIVERSITY OF NEW YORK | 107,500. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| GREATER WASHINGTON EDUCATIONAL TELECOMMUNICATIONS 2775 SOUTH QUINCY STREET ARLINGTON, VA 22206 | NONE 170 (B) (1) (A) (VI) | FOR HIGH QUALITY ON-AIR AND ONLINE COVERAGE ON PBS'S NEWS HOUR TO ENHANCE ECONOMIC AND FINANCIAL LITERACY | 750,000. |
| GUIDESTAR USA, INC. 4801 COURTHOUSE STREET, SUITE 220 WILLIAMSBURG, VA 23188 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT WORK ON BEHALF OF THE NONPROFIT AND CHARITABLE COMMUNITY | 5,000. |
| HAMPTONS INTERNATIONAL FILM FESTIVAL 3 NEWTOWN MEWS EAST HAMPTON, NY 11937 | NONE 170 (B) (1) (A) (VI) | TO COMMISSION AND SPOTLIGHT SCIENCE AND TECHNOLOGY FILMS AND TO DEVELOP SCIENCE AND TECHNOLOGY SCREENPLAYS | 225,716. |
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE 399 HARVARD STREET CAMBRIDGE, MA 02138 | NONE 170 (B) (1) (A) (II) | TO STUDY BEHAVIORAL FACTORS THAT INFLUENCE CONSUMERS' ENERGY UTILIZATION AND EFFICIENCY CHOICES | 93,299. |
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE 399 HARVARD STREET CAMBRIDGE, MA 02138 | NONE 170 (B) (1) (A) (II) | TO PRODUCE A PUBLICLY AVAILABLE DATABASE THAT LINKS 2010 CENSUS RESULTS WITH ELECTION RETURNS AT THE PRECINCT LEVEL | 155,278. |
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE 399 HARVARD STREET CAMBRIDGE, MA 02138 | NONE 170 (B) (1) (A) (II) | FOR AN INTENSE TWO-YEAR PROCESS OF WORKSHOPS, MEETINGS, PLENARIES, RESEARCH, PILOT DIGITIZATION, PROTOTYPE DEVELOPMENT, AND COMMUNITY BUILDING THAT WILL RESULT IN THE LAUNCH OF THE DIGITAL PUBLIC LIBRARY OF AMERICA | 1,313,890. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| HASTINGS CENTER INC 21 MALCOLM GORDON ROAD GARRISON, NY 10524 | NONE 170 (B) (1) (A) (VI) | TO PROVIDE RENEWED SUPPORT TO INVESTIGATE ETHICAL ISSUES IN SYNTHETIC BIOLOGY | 248,536. |
| THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOI 601 EAST JOHN STREET CHAMPAIGN, IL 61820 | NONE 170 (B) (1) (A) (II) | TO PUBLISH VOLUMES THREE AND FOUR OF RAMANUJAN'S LOST NOTEBOOK AND TO MAKE SUBSTANTIAL PROGRESS ON THE FIFTH AND FINAL VOLUME | 50,000. |
| INDEPENDENT SECTOR 1200 EIGHTEENTH STREET, NW WASHINGTON, DC 20036 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT WORK ON BEHALF OF THE NONPROFIT AND CHARITABLE COMMUNITY | 17,500. |
| INDIANA UNIVERSITY 107 SOUTH INDIANA AVE BLOOMINGTON, IN 47405 | NONE 509 (A) (2) | TO DESIGN A PROTOTYPE SYSTEM THAT DEMONSTRATES NON-CONSUMPTIVE, COMPUTATIONAL ACCESS TO A RESTRICTED FULL-TEXT CORPUS | 229,354. |
| INSTITUTE OF INTERNATIONAL EDUCATION INC 809 UNITED NATIONS PLAZA NEW YORK, NY 10017 | NONE 501 C 3 PUBLIC CHARITY | TO PROVIDE LIFE-SAVING FELLOWSHIPS AND ACADEMIC PLACEMENTS FOR PERSECUTED SCHOLARS SO THEY CAN CONTINUE THEIR WORK BEFORE RETURNING TO THEIR NATIVE COUNTRIES WHEN IT IS SAFE TO DO SO | 250,000. |
| IODP MANAGEMENT INTERNATIONAL, INC. 1001 CONNECTICUT AVENUE, NW, SUITE 504 WASHINGTON, DC 20036 | NONE 170 (B) (1) (A) (VI) | TO DEVELOP THE ROADMAP, MANAGEMENT, AND SUPPORT FOR A BOREHOLE INTO EARTH'S MANTLE | 400,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| J. WILLIAM JONES CONSULTING ENGINEERS, INC. 5561 OCEAN TERRACE DRIVE HUNTINGTON BEACH, CA 92648 | NONE NON 501 (C) (3) | TO DISSEMINATE AND IMPLEMENT GUIDANCE TO ASSURE MEDICAL, INDUSTRIAL, AND ACADEMIC NUCLEAR FACILITIES' USE OF RADIOACTIVE MATERIALS IS ADEQUATELY SECURE AND RESILIENT TO MAN-MADE AND NATURAL HAZARDS | 325,250. |
| LA THEATRE WORKS 681 VENICE BOULEVARD VENICE, CA 90291 | NONE 170 (B) (1) (A) (VI) | TO RECORD FOUR NEW SCIENCE PLAYS, INCLUDING TWO NEW SLOAN-COMMISSIONED PLAYS FOR BROADCAST ON PUBLIC RADIO AND FOR DISTRIBUTION TO SCHOOLS, LIBRARIES, AND ONLINE RETAIL PARTNERS | 133,120. |
| MICHAEL LEMONICK 249 CHERRY HILL ROAD PRINCETON, NJ 8540 | NONE INDIVIDUAL | TO SUPPORT THE WRITING OF THE BOOK "MIRROR EARTH," A POPULAR ACCOUNT OF THE SEARCH FOR EARTHLIKE PLANETS BEYOND THE SUN AND THE TECHNOLOGY ENABLING THE SEARCH | 55,000. |
| LYRISIS 3000 MARKET STREET, SUITE 200 PHILADELPHIA, PA 19104-2801 | NONE 509 (A) (2) | FOR CONTINUED DIGITIZATION OF MEMBER COLLECTIONS AND DEVELOPMENT OF A SELF-SUSTAINING REGIONAL SCANNING CENTER | 250,000. |
| MANHATTAN THEATRE CLUB 311 WEST 43RD STREET, 8TH FLOOR NEW YORK, NY 10036 | NONE 509 (A) (2) | TO COMMISSION, DEVELOP, AND PRODUCE SCIENCE AND TECHNOLOGY PLAYS | 200,000. |
| MARINE BIOLOGICAL LABORATORY MBL STREET WOODS HOLE, MA 2543 | NONE 170 (B) (1) (A) (VI) | TO PROVIDE TOOLS AND A DATA ARCHIVE FOR ANALYZING SEQUENCE DATA OF MICROBIAL COMMUNITIES IN THE INDOOR ENVIRONMENT | 302,452. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| UNIVERSITY OF MARYLAND, COLLEGE PARK 7950 BALTIMORE AVE COLLEGE PARK, MD 20742 | NONE 170 (B) (1) (A) (III) | TO COMPILE, STUDY, AND OPENLY DISTRIBUTE A NATIONALLY STANDARDIZED DATABASE OF GOVERNMENT HEALTH INSPECTORS' RESTAURANT RATINGS | 300,000. |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 2139 | NONE 170 (B) (1) (A) (II) | TO EXAMINE THE EFFECTS OF GLOBALIZATION ON U.S. DOMESTIC REGULATORY POLICIES, COMPLIANCE, AND ECONOMICS IN BIOPHARMACEUTICAL PRODUCT MANUFACTURING | 73,000. |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 2139 | NONE 170 (B) (1) (A) (II) | TO CREATE A NEW EXECUTIVE-LEVEL COURSE DESIGNED TO PROMOTE THE SAFE AND RESPONSIBLE USE OF NUCLEAR POWER WORLDWIDE | 335,000. |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 2139 | NONE 170 (B) (1) (A) (II) | TO ASSESS WHETHER AND TO WHAT EXTENT THE LOSS OF DOMESTIC MANUFACTURING DUE TO TRADE WITH CHINA AFFECTS THE PRODUCTIVITY OF OTHER U.S. FIRMS IN THE SAME GEOGRAPHICAL AREA | 200,000. |
| UNIVERSITY OF MASSACHUSETTS, LOWELL ONE UNIVERSITY AVENUE LOWELL, MA 1854 | NONE 170 (B) (1) (A) (II) | SUPPORT FOR DEVELOPMENT OF A UNIVERSITY OF MASSACHUSETTS SYSTEM-WIDE PROFESSIONAL SCIENCE MASTER'S (PSM) DEGREE INITIATIVE | 31,000. |
| MENTORNET 840 WEST CALIFORNIA AVENUE, SUITE 200 SUNNYVALE, CA 94086 | NONE 509 (A) (2) | TO DEVELOP AND LAUNCH A CAMPAIGN ON WEB-BASED SOCIAL CHANNELS TO RECRUIT STUDENTS DIRECTLY INTO MENTOR NET'S MENTORING PROGRAM | 60,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| MICHIGAN STATE UNIVERSITY 840 SERVICE ROAD EAST LANSING, MI 48824 | NONE 170 (B) (1) (A) (II) | TO FILL A GAP IN RESEARCH BY INVESTIGATING HOW THE "EMPLOYMENT ENVIRONMENT" PROMOTES OR IMPEDES THE ABILITY OF INDIVIDUALS TO REMAIN AT WORK PAST TRADITIONAL AGES OF RETIREMENT | 206,617. |
| THE REGENTS OF THE UNIVERSITY OF MICHIGAN 503 THOMPSON STREET ANN ARBOR, MI 48109-1274 | NONE 170 (B) (1) (A) (II) | DEMOCRATIZING ACCESS TO THE AMERICAN COMMUNITY SURVEY | 43,674. |
| THE REGENTS OF THE UNIVERSITY OF MICHIGAN 503 THOMPSON STREET ANN ARBOR, MI 48109-1274 | NONE 170 (B) (1) (A) (II) | TO CREATE AND ANALYZE DATASETS THAT COMBINE THE HEALTH AND RETIREMENT STUDY (HRS) WITH DATA FROM THE CENSUS BUREAU FROM THE FIRMS WHERE HRS RESPONDENTS HAVE WORKED | 998,742. |
| THE REGENTS OF THE UNIVERSITY OF MICHIGAN 503 THOMPSON STREET ANN ARBOR, MI 48109-1274 | NONE 170 (B) (1) (A) (II) | TO MODEL HOW U.S. LABOR MARKETS FOR SCIENTISTS AND ENGINEERS RESPOND TO IMMIGRATION AND OTHER FACTORS | 200,000. |
| THE PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE 38 COLLEGE STREET MIDDLEBURY, VT 5753 | NONE 170 (B) (1) (A) (II) | TO ENABLE THE MONTEREY INSTITUTE OF INTERNATIONAL STUDIES EXPAND THE SCIENCE-BASED COURSES OFFERED IN ITS MASTERS DEGREE IN NONPROLIFERATION AND TERRORISM STUDIES | 73,140. |
| THE PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE 38 COLLEGE STREET MIDDLEBURY, VT 5753 | NONE 170 (B) (1) (A) (II) | TO ENABLE THE MONTEREY INSTITUTE OF INTERNATIONAL STUDIES TO PROVIDE NONPROLIFERATION EDUCATION AND TRAINING FOR DIPLOMATS, GOVERNMENT OFFICIALS AND MID-CAREER PROFESSIONALS AT INTERNATIONAL ORGANIZATIONS | 73,094. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| MINNESOTA STATE COLLEGES AND UNIVERSITIES FOUNDATI 30 SEVENTH STREET EAST, SUITE 350 SAINT PAUL, MN 55101 | NONE 170 (B) (1) (A) (IV) | TO SUPPORT A PLANNING PROJECT FOR THE REGIONAL PSM INITIATIVE IN MINNESOTA, NORTH DAKOTA, AND WISCONSIN | 49,802. |
| MUSEUM OF MATHEMATICS 134 WEST 29TH STREET NEW YORK, NY 10001 | NONE 501 C 3 PUBLIC CHARITY | TO EQUIP SCIENCE FESTIVALS WITH PORTABLE, INTERACTIVE, AND HANDS-ON MATHEMATICAL ACTIVITIES | 200,000. |
| NATIONAL ACADEMY OF SCIENCES 2101 CONSTITUTION AVENUE, NW WASHINGTON, DC 20418 | NONE 170 (B) (1) (A) (VI) | TO PROVIDE PARTIAL SUPPORT FOR AN INTERNATIONAL SYMPOSIA SERIES ON SYNTHETIC BIOLOGY | 394,324. |
| NATIONAL ACADEMY OF SCIENCES 2101 CONSTITUTION AVENUE, NW WASHINGTON, DC 20418 | NONE 170 (B) (1) (A) (VI) | TO DEVELOP, ANALYZE, AND PROMOTE STANDARDS FOR THE CITATION AND ATTRIBUTION OF DATA SETS BY RESEARCH COMMUNITIES | 200,000. |
| NATIONAL ACADEMY OF SCIENCES 2101 CONSTITUTION AVENUE, NW WASHINGTON, DC 20418 | NONE 170 (B) (1) (A) (VI) | TO STUDY THE FEASIBILITY OF AN ONLINE AND OPEN ACCESS MATHEMATICAL HERITAGE LIBRARY | 275,000. |
| NATIONAL ACADEMY OF SCIENCES 2101 CONSTITUTION AVENUE, NW WASHINGTON, DC 20418 | NONE 170 (B) (1) (A) (VI) | TO STUDY GLOBAL COMPETITION FOR TALENT BY COMPARING THE HIGH-SKILLED IMMIGRATION POLICIES OF INDUSTRIALIZED NATIONS | 300,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEER 440 HAMILTON AVENUE, SUITE 302 WHITE PLAINS, NY 10601-1813 | NONE 170 (B) (1) (A) (VI) | TO FUND NEW OBLIGATIONS IN THE MINORITY PH.D. PROGRAM AND THE AMERICAN INDIAN GRADUATE PROGRAM FROM JULY 1, 2008 THROUGH JUNE 30, 2009 | 1,775,000. |
| NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEER 440 HAMILTON AVENUE, SUITE 302 WHITE PLAINS, NY 10601-1813 | NONE 170 (B) (1) (A) (VI) | TO FUND NEW OBLIGATIONS IN THE MINORITY PH.D. PROGRAM AND THE SLOAN INDIGENOUS GRADUATE PROGRAM FROM JULY 1, 2009, THROUGH JUNE 30, 2010 | 1,060,000. |
| NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEER 440 HAMILTON AVENUE, SUITE 302 WHITE PLAINS, NY 10601-1813 | NONE 170 (B) (1) (A) (VI) | TO FUND NEW OBLIGATIONS INCURRED IN THE SLOAN MINORITY PH.D. PROGRAM AND THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP PROGRAM FROM JULY 1, 2010 THROUGH JULY 1, 2012 | 1,255,000. |
| NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEER 440 HAMILTON AVENUE, SUITE 302 WHITE PLAINS, NY 10601-1813 | NONE 170 (B) (1) (A) (VI) | TO FUND NEW OBLIGATIONS IN THE MINORITY PH.D. PROGRAM AND THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP PROGRAM FROM JULY 1, 2011 TO JULY 1,2012 | 1,299,500. |
| NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEER 440 HAMILTON AVENUE, SUITE 302 WHITE PLAINS, NY 10601-1813 | NONE 170 (B) (1) (A) (VI) | TO ENABLE THE NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEERING TO CONTINUE ADMINISTERING THE SLOAN MINORITY PH.D. PROGRAM AND SLOAN INDIGENOUS GRADUATE PARTNERSHIP PROGRAM FOR AN ADDITIONAL THREE YEARS | 195,249. |
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170 (B) (1) (A) (VI) | TO FOSTER MULTILATERAL COOPERATION IN TRADE, FINANCIAL REGULATION, AND MACROECONOMIC POLICY BY ORGANIZING A FORUM FOR LEADING ACADEMICS AND OFFICIALS | 250,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170 (B) (1) (A) (VI) | TO CONVENE CONFERENCES ON THE MEASUREMENT OF SYSTEMIC RISK AND LIQUIDITY | 59,570. |
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT SUMMER INSTITUTES RUN BY THE NATIONAL BUREAU OF ECONOMIC RESEARCH | 255,760. |
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170 (B) (1) (A) (VI) | TO INITIATE AND ORGANIZE RESEARCH ON THE ECONOMICS OF DIGITAL INFORMATION | 279,532. |
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT RESEARCH ON THE BARRIERS TO WORKING LONGER AND HOW TO FACILITATE WORK AT OLDER AGES | 331,085. |
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170 (B) (1) (A) (VI) | TO ADVANCE UNDERSTANDING OF HOUSEHOLD FINANCIAL BEHAVIOR AND POLICY | 150,000. |
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT FELLOWSHIPS FOR PH.D. STUDENTS WORKING ON THE ECONOMICS OF WORKING LONGER | 148,350. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170 (B) (1) (A) (VI) | TO INVESTIGATE THE STRUCTURE AND PERFORMANCE OF LABOR MARKETS IN THE AFTERMATH OF THE GREAT RECESSION | 154,014. |
| NATIONAL INFORMATION STANDARDS ORGANIZATION 1 N CHARLES ST STE 1905 BALTIMORE, MD 21201-3727 | NONE 501 C 3 PUBLIC CHARITY | TO DEVELOP A NEW SPECIFICATION FOR THE REAL-TIME SYNCHRONIZATION OF WEB RESOURCES HOUSED IN SEPARATE REPOSITORIES | 222,706. |
| NATIONAL PARTNERSHIP FOR WOMEN AND FAMILIES, INC. 1875 CONNECTICUT AVENUE NW WASHINGTON, DC 20009 | NONE 501 C 3 PUBLIC CHARITY | TO CREATE AN INFORMATION HUB ON EXISTING AND PENDING WORK-FAMILY LEGISLATION AT THE STATE LEVEL FOR DECISION MAKERS, POLICY EXPERTS, RESEARCHERS, ADVOCATES, THE MEDIA, AND THE PUBLIC | 15,000. |
| NUS AMERICA FOUNDATION INC 440 NORTH WOLFE ROAD SUNNYVALE, CA 94085-3869 | NONE 501 C 3 PUBLIC CHARITY | PLANNING GRANT TO ESTABLISH A SOUTH ASIAN SCIENCE ENGAGEMENT PROJECT | 125,000. |
| NEW AMERICA FOUNDATION 1899 L ST. NW 4TH FLOOR WASHINGTON, DC 20036 | NONE 170 (B) (1) (A) (VI) | FINAL GRANT TO THE NEW AMERICA FOUNDATION SUPPORTING WORKPLACE FLEXIBILITY 2010 | 90,000. |
| NEW MEDIA STUDIO 417 SAMARKAND DRIVE SANTA BARBARA, CA 93105-3339 | NONE 501 C 3 PUBLIC CHARITY | TO BUILD AND TEST AN OPEN-SOURCE, ACTIVE ARCHIVING SERVICE FOR SCIENCE/ENGINEERING MEETING POSTERS | 32,450. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| NEW VENTURE FUND 734 15TH STREET, NW WASHINGTON, DC 20005-1029 | NONE 170 (B) (1) (A) (VI) | TO STUDY FINANCIAL INSTITUTIONS' USE OF OBFUSCATION IN MARKETING CREDIT CARDS TO CONSUMERS | 124,781. |
| NEW VENTURE FUND 734 15TH STREET, NW WASHINGTON, DC 20005-1029 | NONE 170 (B) (1) (A) (VI) | TO CATALYZE EMPIRICAL RESEARCH ON HOW OBFUSCATED MARKETS RESPOND TO SMART DISCLOSURE POLICIES | 71,275. |
| NEW YORK BOTANICAL GARDEN 2900 SOUTHERN BOULEVARD BRONX, NY 10458-5126 | NONE 170 (B) (1) (A) (VI) | TO FOSTER APPLICATIONS OF DNA BARCODING FOR CONSERVING BIODIVERSITY, REDUCING CONSUMER FRAUD, AND PROTECTING HUMAN HEALTH | 250,000. |
| NEW YORK LAW SCHOOL 185 WEST BROADWAY NEW YORK, NY 10013 | NONE 501 C 3 PUBLIC CHARITY | TO EXPLORE OPEN SCHEMES FOR IDENTIFYING CORPORATIONS, TRACKING THEIR RELATIONSHIPS, AND LINKING DATA ABOUT THEM | 384,675. |
| NEW YORK UNIVERSITY 70 WASHINGTON SQUARE NORTH NEW YORK, NY 10012-1019 | NONE 170 (B) (1) (A) (II) | FOR SCREENWRITING AND PRODUCTION OF SCIENCE AND TECHNOLOGY FILMS BY TOP FILM STUDENTS | 251,300. |
| NEW YORK UNIVERSITY 70 WASHINGTON SQUARE NORTH NEW YORK, NY 10012-1019 | NONE 170 (B) (1) (A) (II) | TO ESTABLISH A CENTER FOR MATHEMATICAL TALENT TO WORK WITH STUDENTS FROM NYC SCHOOLS | 237,981. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| NEW YORK UNIVERSITY 70 WASHINGTON SQUARE NORTH NEW YORK, NY 10012-1019 | NONE 170 (B) (1) (A) (II) | TO RANK GLOBAL FINANCIAL FIRMS ACCORDING TO THE SYSTEMIC RISK THEY POSE FOR THE WORLD ECONOMY | 160,046. |
| NEW YORK UNIVERSITY 70 WASHINGTON SQUARE NORTH NEW YORK, NY 10012-1019 | NONE 170 (B) (1) (A) (II) | FOR AN ANNUAL FEATURE FILM PRODUCTION GRANT OVER THREE YEARS TO ENABLE FILM STUDENTS TO SHOOT A FIRST FEATURE FILM ABOUT SCIENCE AND TECHNOLOGY | 158,133. |
| NORTH CAROLINA STATE UNIVERSITY 2200 HILLSBOROUGH RALEIGH, NC 27695 | NONE 170 (B) (1) (A) (II) | TO EXPAND AND MAKE SUSTAINABLE OVER THE LONG TERM THE UNIVERSITY OF NORTH CAROLINA SYSTEM-WIDE PROFESSIONAL SCIENCE MASTER'S INITIATIVE | 178,778. |
| UNIVERSITY OF NOTRE DAME 220 MAIN BUILDING NOTRE DAME, IN 46556 | NONE 170 (B) (1) (A) (II) | TO CONDUCT A CASE STUDY OF THE INFLUX OF MATHEMATICIANS FROM EASTERN EUROPE TO THE U.S. IN THE 1990S TO GAIN INSIGHT INTO EFFECTS OF HIGH-SKILL IMMIGRATION | 115,527. |
| OHIO STATE UNIVERSITY 1960 KENNY ROAD COLUMBUS, OH 43210 | NONE 170 (B) (1) (A) (VI) | TO INITIATE THE DEEP ENERGY DIRECTORATE OF THE DEEP CARBON OBSERVATORY WITH STUDIES DIFFERENTIATING A BIOGENIC FROM BIOGENIC SOURCES OF HYDROCARBONS | 1,000,000. |
| OPEN KNOWLEDGE COMMONS INC. 700 BOYLSTON STREET BOSTON, MA 2116 | NONE 170 (B) (1) (A) (VI) | TO CREATE THE FIRST PHASE OF A UNIVERSAL OPEN DIGITAL LIBRARY ON THE HISTORY OF MEDICINE FROM THE COLLECTIONS OF FIVE LEADING INSTITUTIONS | 697,560. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| OPEN KNOWLEDGE COMMONS INC. 700 BOYLSTON STREET BOSTON, MA 2116 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT THE OPEN KNOWLEDGE COMMONS IN UNITING THE LIBRARY COMMUNITY AND THE PUBLIC BEHIND THE IMPLEMENTATION OF A UNIVERSAL DIGITAL LIBRARY | 165,000. |
| OREGON STATE UNIVERSITY 2082 CORDLEY HALL CORVALLIS, OR 97331-2902 | NONE 170 (B) (1) (A) (II) | SUPPORT FOR IMPLEMENTATION OF OREGON'S STATEWIDE STRATEGY FOR GROWTH IN PROFESSIONAL SCIENCE MASTER'S (PSM) DEGREE PROGRAMS | 27,110. |
| OREGON STATE UNIVERSITY 2082 CORDLEY HALL CORVALLIS, OR 97331-2902 | NONE 170 (B) (1) (A) (II) | TO HELP THE DEEP CARBON OBSERVATORY BEGIN CHARACTERIZING DIVERSITY OF DEEP LIFE IN CONTINENTAL AND MARINE ENVIRONMENTS USING DNA SEQUENCING TECHNOLOGY | 350,000. |
| UNIVERSITY OF OREGON 677 EAST 12TH AVE, SUITE 400 EUGENE, OR 97403-1226 | NONE 170 (B) (1) (A) (II) | TO FUND THE CENTER FOR MICROBIAL ECOLOGY OF INDOOR ENVIRONMENTS | 500,000. |
| TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 3451 WALNUT STREET PHILADELPHIA, PA 19104-6205 | NONE 170 (B) (1) (A) (II) | TO SUPPORT A FINAL GRANT TO THE SLOAN WORK & FAMILY RESEARCH NETWORK TO ENSURE ITS LONG TERM SUSTAINABILITY | 294,443. |
| PETER G. PETERSON INSTITUTE FOR INTERNATIONAL ECON 1750 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036-1903 | NONE 170 (B) (1) (A) (VI) | TO ANALYZE EMPIRICAL LESSONS THAT COUNTRIES CAN LEARN FROM THE FINANCIAL CRISIS ABOUT HOW TO RESTRUCTURE THEIR FINANCIAL SECTORS | 154,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| PETER G. PETERSON INSTITUTE FOR INTERNATIONAL ECON 1750 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036-1903 | NONE 170 (B) (1) (A) (VI) | TO CREATE AND LAUNCH AN INTERNATIONAL FINANCIAL CRISIS DATABASE THAT PROVIDES OPEN ACCESS INFORMATION ABOUT MANY COUNTRIES, MANY CENTURIES, AND MANY VARIABLES | 115,520. |
| PHILANTHROPY NEW YORK, INC. 79 FIFTH AVENUE, 4TH FLOOR NEW YORK, NY 10003-3076 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT WORK ON BEHALF OF THE NONPROFIT AND CHARITABLE COMMUNITY | 24,000. |
| PLAYWRIGHTS HORIZONS 416 WEST 42ND STREET NEW YORK, NY 10036-6809 | NONE 509 (A) (2) | TO COMMISSION NEW SCIENCE PLAYS WITH A POSSIBLE PRODUCTION GRANT | 100,000. |
| POPULATION REFERENCE BUREAU, INC. 1875 CONNECTICUT AVENUE, NW, SUITE 520 WASHINGTON, DC 20009-5728 | NONE 170 (B) (1) (A) (VI) | DEVELOP AND MAKE WIDELY AVAILABLE NEW CROSS-SECTIONAL AND LONGITUDINAL DATA FROM THE AMERICAN COMMUNITY SURVEY ON THE LOCATION AND MIGRATION OF THE SCIENCE AND ENGINEERING WORKFORCE AT THE LEVEL OF CITIES, COUNTIES AND METROPOLITAN AREAS | 102,000. |
| PRINCETON UNIVERSITY PRESS 41 WILLIAM STREET PRINCETON, NJ 8540 | NONE 509 (A) (3) | TO PUBLISH A NEW ATLAS OF GALAXIES BASED ON THE SLOAN DIGITAL SKY SURVEY'S COLLECTION OF FULL-COLOR, MULTI-WAVELENGTH, DIGITAL IMAGES OF GALAXIES | 40,000. |
| PUBLIC LIBRARY OF SCIENCE 185 BERRY STREET, SUITE 1300 SAN FRANCISCO, CA 94107 | NONE 509 (A) (2) | TO DEVELOP, DEPLOY, AND PROMOTE ARTICLE LEVEL METRICS TOOLS AND APPROACHES | 353,393. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| PUBLIC MEDIA LAB 5508 SURREY STREET CHEVY CHASE, MD 20815 | NONE 501 C 3 PUBLIC CHARITY | TO PRODUCE AND BROADCAST A ONE-HOUR PBS DOCUMENTARY "ADMIRAL RICKOVER AND THE NUCLEAR NAVY" | 398,918. |
| PURDUE UNIVERSITY 610 PURDUE MALL WEST LAFAYETTE, IN 47907 | NONE 170 (B) (1) (A) (II) | TO FUND THE RECRUITMENT AND RETENTION PORTION OF THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP PROGRAM AT PURDUE UNIVERSITY FOR AN ADDITIONAL THREE YEARS | 48,773. |
| RAND CORPORATION 1700 MAIN STREET, P.O. BOX 2138 SANTA MONICA, CA 90407-2137 | NONE 170 (B) (1) (A) (VI) | SANTA MONICA, CA 90407-2137 TO UNDERSTAND THE ROLE OF EMPLOYERS IN FACILITATING OR IMPEDING CONTINUED EMPLOYMENT OF OLDER WORKERS FOLLOWING ONSET OF A WORK-LIMITING DISABILITY | 225,305. |
| ED REGIS 17302 HARBAUGH VALLEY ROAD SABILLASVILLE, MD 21780 | NONE INDIVIDUAL | FOR RESEARCH AND WRITING OF A BOOK ON GENOMIC ENGINEERING WITH GEORGE CHURCH | 40,800. |
| RESOURCES FOR THE FUTURE INC 1616 P STREET, NW WASHINGTON, DC 20036-1400 | NONE 170 (B) (1) (A) (VI) | TO INFORM AND IMPROVE REGULATORY AND LEGISLATIVE ACTIVITIES AFFECTING SHALE GAS DEVELOPMENT | 1,171,667. |
| SAN DIEGO STATE UNIVERSITY FOUNDATION 5500 CAMPANILE DRIVE SAN DIEGO, CA 92182 | NONE 170 (B) (1) (A) (II) | TO CONDUCT A PILOT STUDY TO EXAMINE WORKPLACE ENVIRONMENTS USING VIRAL MET GENOMIC ANALYSIS | 125,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| THE SCIENCE FESTIVAL FOUNDATION 230 WEST 41 STREET, SUITE 1600 NEW YORK, NY 10036 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT PROGRAMMING AND DISSEMINATION OF THE WORLD SCIENCE FESTIVAL FOR TWO YEARS | 650,000. |
| SCIENCE FRIDAY INITIATIVE INC 140 GROVE STREET, SUITE 3I STAMFORD, CT 6901 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT SCIENCE FRIDAY AND ITS SCIENCE-AND-ARTS STRAND ON AIR, ONLINE, AND ON-DEMAND | 210,000. |
| THE SLOAN CONSORTIUM, INC. P.O. BOX 1238 NEWBURYPORT, MA 1950 | NONE 170 (B) (1) (A) (VI) | FOR SUPPORT TO TRANSITION SLOAN-C INTO A SELF-SUSTAINING SOCIETY FOR ONLINE EDUCATION | 800,000. |
| SMITHSONIAN INSTITUTION 1000 JEFFERSON DR SOUTHWEST WASHINGTON, DC 20013-7012 | NONE 170 (B) (1) (A) (II) | AS A FINAL GRANT TO OPERATE THE CONSORTIUM FOR THE BARCODE OF LIFE (COBL) TO ADVANCE RAPID, INEXPENSIVE IDENTIFICATION OF SPECIES OF ANIMALS, PLANTS, AND FUNGI USING MINIMAL DNA SEQUENCES | 700,000. |
| S H R M FOUNDATION 1800 DUKE STREET ALEXANDRIA, VA 22314-3499 | NONE 501 C 3 PUBLIC CHARITY | TO SUPPORT CREATION OF NEW CONTENT AND EXPANDED, ACCELERATED OUTREACH TARGETED TO HR PROFESSIONALS, EMPLOYERS, AND EMPLOYEES TO ADVANCE WORKPLACE FLEXIBILITY | 681,548. |
| UNIVERSITY OF SOUTH FLORIDA, BOARD OF TRUSTEES, A 12901 BRUCE B. DOWNS BLVD. TAMPA, FL 33620 | NONE 170 (B) (1) (A) (II) | TO INSTITUTIONALIZE IN THE GRADUATE SCHOOL EFFORTS TO INCREASE THE NUMBER OF AND ENHANCE THE SUCCESS OF UNDERREPRESENTED MINORITY STEM GRADUATE STUDENTS AT THE UNIVERSITY OF SOUTH FLORIDA | 125,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| UNIVERSITY OF SOUTHERN CALIFORNIA UNIVERSITY PARK LOS ANGELES, CA 90089 | NONE 170 (B) (1) (A) (II) | FOR SCREENWRITING AND PRODUCTION OF SCIENCE AND TECHNOLOGY FILMS BY TOP FILM STUDENTS | 187,074. |
| BOARD OF CONTROL FOR SOUTHERN REGIONAL EDUCATION 592 10TH STREET, NW ATLANTA, GA 30318-5790 | NONE 509 (A) (2) | TO FUND CONTINUED PARTICIPATION BY SLOAN SCHOLARS AND ASSOCIATED FACULTY IN THE ANNUAL COMPACT FOR FACULTY DIVERSITY'S INSTITUTE ON TEACHING AND MENTORING AND THE 2010 CONFERENCE OF DIRECTORS OF SLOAN MINORITY PROGRAMS | 192,372. |
| BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UN 369 NORTH-SOUTH AXIS STANFORD, CA 94305 | NONE 170 (B) (1) (A) (II) | TO FUND DEVELOPMENT OF THE OPEN MONOGRAPH PRESS PLATFORM, INCLUDING AN INNOVATIVE PRE-PUBLICATION MODULE | 125,000. |
| BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UN 369 NORTH-SOUTH AXIS STANFORD, CA 94305 | NONE 170 (B) (1) (A) (II) | TO SUPPORT RESEARCH AND ANALYSIS OF THE ECONOMICS OF SERIES VERSUS PARALLEL RETIREMENT INCOME STRATEGIES | 200,000. |
| BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UN 369 NORTH-SOUTH AXIS STANFORD, CA 94305 | NONE 170 (B) (1) (A) (II) | TO DEVELOP PRACTICAL TECHNIQUES FOR ALLOWING RESEARCHERS TO EXTRACT AGGREGATE STATISTICS FROM LARGE DATASETS WHILE PROTECTING THE PRIVACY OF INFORMATION CONTAINED IN INDIVIDUAL ENTRIES | 473,451. |
| RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YOR 7060 NEW YORK 104 OSWEGO, NY 13126 | NONE 170 (B) (1) (A) (VI) | TO SUSTAIN THE PROFESSIONAL SCIENCE MASTER'S INITIATIVE IN THE STATE UNIVERSITY OF NEW YORK | 160,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| SUNDANCE INSTITUTE 8530 WILSHIRE BOULEVARD, 3RD FLOOR BEVERLY HILLS, CA 90211 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT A PROGRAM OF SCIENCE AND TECHNOLOGY FILMS, FILM PANELS, AND FILM FELLOWSHIPS AT SUNDANCE | 250,000. |
| SWARTHMORE COLLEGE 500 COLLEGE AVENUE SWARTHMORE, PA 19081 | NONE 170 (B) (1) (A) (II) | TO LAUNCH A MULTI-CAMPUS PROJECT TO IMPROVE UNDERSTANDING OF UNDERGRADUATE STUDENT MIGRATION INTO AND OUT OF SCIENCE, ENGINEERING, AND MATHEMATICS DISCIPLINES | 115,802. |
| TECHNOLOGY AFFINITY GROUP INC 23 BRIAR ROAD WAYNE, PA 19087 | NONE 501 C 3 PUBLIC CHARITY | MEMBERSHIP DUES | 5,000. |
| UNIVERSITY OF TEXAS, AUSTIN 1 INNER CAMPUS DRIVE AUSTIN, TX 78712 | NONE 170 (B) (1) (A) (II) | TO DETERMINE THE CAPABILITY OF U.S. SHALE GAS TO CONTRIBUTE SIGNIFICANTLY TO NATURAL GAS SUPPLY OVER THE NEXT TWENTY YEARS, GIVEN VARIOUS ASSUMPTIONS ABOUT NATURAL GAS PRICES | 774,652. |
| TRIBECA FILM INSTITUTE INC 75 SPRING STREET NEW YORK, NY 10012 | NONE 170 (B) (1) (A) (VI) | TO DEVELOP NEW SCIENCE AND TECHNOLOGY FEATURE FILMS FOR PRODUCTION AND TO SHOWCASE SCIENCE AND TECHNOLOGY FILMS AND HOLD PANELS AT THE TRIBECA FILM FESTIVAL | 150,000. |
| TRIBECA FILM INSTITUTE INC 75 SPRING STREET NEW YORK, NY 10012 | NONE 170 (B) (1) (A) (VI) | TO CREATE A TWO-YEAR PILOT TO ESTABLISH AN ANNUAL SLOAN GRAND JURY PRIZE FOR THE BEST STUDENT SCIENCE SCREENPLAY AND TO DEVELOP THIS SCRIPT THROUGH THE TRIBECA/SLOAN FILMMAKER FUND | 94,559. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| TRIBECA FILM INSTITUTE INC 75 SPRING STREET NEW YORK, NY 10012 | NONE 170 (B) (1) (A) (VI) | TO HOLD THE TRIENNIAL SLOAN FILM SUMMIT, DEVELOPING THE COMMUNITY AND HIGHLIGHTING THE ACHIEVEMENTS OF SLOAN'S FILM PROGRAM INCLUDING SIX FILM SCHOOLS, FOUR SCREENPLAY DEVELOPMENT PROGRAMS, THREE FILM FESTIVALS, AND ASSOCIATED FILM AND THEATER ARTISTS | 330,700. |
| TRIBECA FILM INSTITUTE INC 75 SPRING STREET NEW YORK, NY 10012 | NONE 170 (B) (1) (A) (VI) | TO DEVELOP NEW SCIENCE AND TECHNOLOGY FILMS FOR PRODUCTION AND TO SHOWCASE SCIENCE AND TECHNOLOGY FILMS AND HOLD PANELS AND READINGS AT TRIBECA | 370,995. |
| W E UPJOHN UNEMPLOYMENT TRUSTEE CORPORATION 300 SOUTH WESTNEDGE AVENUE KALAMAZOO, MI 49007 | NONE 170 (B) (1) (A) (VI) | TO STUDY WAYS OF IMPROVING ECONOMIC MEASUREMENTS, STATISTICS, AND INDICATORS RELATED TO GLOBALIZATION | 25,712. |
| THE URBAN INSTITUTE 2100 M STREET, NW WASHINGTON, DC 20037 | NONE 509 (A) (2) | TO ASSESS DISINCENTIVES IN STATE AND LOCAL DEFINED BENEFIT PENSION PLANS FOR WORKING LONGER | 208,115. |
| J. CRAIG VENTER INSTITUTE 9704 MEDICAL CENTER DRIVE ROCKVILLE, MD 20850 | NONE 170 (B) (1) (A) (VI) | TO STUDY MICROBIAL GENOMICS IN THE INDOOR ENVIRONMENT USING THE FIRST ROBOTIC PIPELINE DEDICATED TO HIGH THROUGHPUT DNA AMPLIFICATION FROM SINGLE CELLS | 661,237. |
| J. CRAIG VENTER INSTITUTE 9704 MEDICAL CENTER DRIVE ROCKVILLE, MD 20850 | NONE 170 (B) (1) (A) (VI) | TO EXAMINE SOCIETAL CONCERNS IN SYNTHETIC GENOMICS | 146,734. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSIT 210 BURRUSS HALL BLACKSBURG, VA 24061-0123 | NONE 170 (B) (1) (A) (II) | FOR A SLOAN INDUSTRY STUDIES FELLOWSHIP FOR JOHN ERIC TAYLOR | 45,000. |
| UNIVERSITY OF WASHINGTON 1410 NORTHEAST CAMPUS PARKWAY SEATTLE, WA 98195 | NONE 170 (B) (1) (A) (II) | TO ASSESS IMPROVEMENTS RESULTING FROM AND ANALYZING DATA COLLECTED BY THE PROJECT TO ACCESS CLIMATE IN ENGINEERING (PACE) | 217,836. |
| WELLESLEY COLLEGE 106 CENTRAL STREET WELLESLEY, MA 2181 | NONE 170 (B) (1) (A) (II) | TO EXAMINE HOW FIRMS SHAPE THE IMMIGRATION OF SCIENTISTS, ENGINEERS, AND OTHER HIGHLY SKILLED WORKERS TO THE UNITED STATES | 86,034. |
| WGBH EDUCATIONAL FOUNDATION ONE GUEST STREET BOSTON, MA 2135 | NONE 170 (B) (1) (A) (VI) | TO PRODUCE 12 SCIENTIST PROFILES FOR PRIME TIME BROADCAST ON NOVA SCIENCE NOW, TO PRODUCE AND PROMOTE 32 ADDITIONAL SCIENTIST PROFILES FOR THE AWARD-WINNING "THE SECRET LIFE OF SCIENTISTS AND ENGINEERS" WEBSITE, AND TO INCREASE THE WEBSITE'S AUDIENCE | 900,000. |
| WGBH EDUCATIONAL FOUNDATION ONE GUEST STREET BOSTON, MA 2135 | NONE 170 (B) (1) (A) (VI) | TO RESEARCH AND PRODUCE FOUR HOURS OF DOCUMENTARIES ON THE ROLE OF SCIENCE AND TECHNOLOGY IN HISTORY FOR THE AMERICAN EXPERIENCE WITH ANCILLARY OUTREACH INCLUDING TWO INTERACTIVE GAMES AND MARKETING CAMPAIGN | 1,000,000. |
| WGBH EDUCATIONAL FOUNDATION ONE GUEST STREET BOSTON, MA 2135 | NONE 170 (B) (1) (A) (VI) | TO RESEARCH, PRODUCE, AND BROADCAST A ONE-HOUR PBS FRONTLINE DOCUMENTARY ABOUT THE IMPLICATIONS OF THE FUKUSHIMA ACCIDENT FOR THE FUTURE OF NUCLEAR POWER IN THE U.S. | 600,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| WGBH EDUCATIONAL FOUNDATION ONE GUEST STREET BOSTON, MA 2135 | NONE 170 (B) (1) (A) (VI) | FOR BROADCAST OF A 2-HOUR NOVA SPECIAL ON THE DISCOVERY AND THE SCIENTIFIC ROLE OF THE ELEMENTS IN THE PERIODIC TABLE WITH ENHANCED DIGITAL OUTREACH AND MOBILE APPLICATION | 700,000. |
| WIKIMEDIA FOUNDATION, INC. 149 NEW MONTGOMERY STREET, 3RD FLOOR SAN FRANCISCO, CA 94105 | NONE 170 (B) (1) (A) (VI) | TO HELP WIKIPEDIA DEVELOP AND SUSTAIN ITS EDUCATIONAL MISSION WHILE CONSTANTLY IMPROVING QUALITY, DIVERSITY, AND ACCESS TO KNOWLEDGE FOR PEOPLE EVERYWHERE | 1,000,000. |
| UNIVERSITY OF WISCONSIN, MADISON 500 LINCOLN DRIVE MADISON, WI 53706-1380 | NONE 170 (B) (1) (A) (II) | TO MODEL AND EMPIRICALLY TEST FOR UNINTENDED BEHAVIORAL CONSEQUENCES OF MEDICARE PART D REGULATIONS | 45,000. |
| WNYC PUBLIC RADIO 160 VARICK STREET NEW YORK, NY 10013 | NONE 170 (B) (1) (A) (VI) | FOR PRODUCTION AND ENHANCED DISTRIBUTION OF RADIO LAB, AN INNOVATIVE, POPULAR, SCIENCE-THEMED SHOW ON PUBLIC RADIO | 282,500. |
| WNYC PUBLIC RADIO 160 VARICK STREET NEW YORK, NY 10013 | NONE 170 (B) (1) (A) (VI) | TO MAKE SCIENCE AND TECHNOLOGY A REGULAR, INTEGRAL FEATURE ON STUDIO 360 | 250,000. |
| WOODROW WILSON INTERNATIONAL CENTER FOR SCHOLARS 1300 PENNSYLVANIA AVENUE, N.W. WASHINGTON, DC 20004-3027 | NONE 170 (B) (1) (A) (VI) | TO CONTINUE WORK TO IDENTIFY AND ADDRESS RISKS ASSOCIATED WITH SYNTHETIC BIOLOGY | 1,100,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| YALE UNIVERSITY 38 HILLHOUSE AVE NEW HAVEN, CT 6520 | NONE 170 (B) (1) (A) (II) | TO PROVIDE RENEWED SUPPORT TO EXAMINE THE SOURCES AND CHARACTER OF AIRBORNE BACTERIAL AND FUNGAL PARTICLES IN THE INDOOR ENVIRONMENT | 184,000. |
| YALE UNIVERSITY 38 HILLHOUSE AVE NEW HAVEN, CT 6520 | NONE 170 (B) (1) (A) (II) | TO CONSTRUCT AND TEST BEHAVIORAL MODELS OF HOW BANKRUPTCY AND MORTGAGE DEFAULT REGULATIONS IMPACT HOUSEHOLD FINANCIAL DECISIONS | 59,514. |
| AMERICAN CHEMICAL SOCIETY 1155 SIXTEENTH STREET, NW WASHINGTON, DC 20036 | NONE 509 (A) (2) | TO FUND A SURVEY OF GRADUATE STUDENT LIFE AND CAREER PROSPECTS IN THE CHEMICAL SCIENCES | 50,500. |
| AMERICAN COUNCIL ON EDUCATION ONE DUPONT CIRCLE, NW, SUITE 800 WASHINGTON, DC 20036-1193 | NONE 170 (B) (1) (A) (VI) | TO DEVELOP COLLATERAL MATERIALS AND A STRATEGY TO ENCOURAGE HIGHER EDUCATION LEADERS TO COMMIT TO ADVANCING WORKPLACE FLEXIBILITY ON THEIR OWN CAMPUSES | 49,157. |
| AMERICAN INDIAN COLLEGE FUND 8333 GREENWOOD BLVD. DENVER, CO 80221 | NONE 501 C 3 PUBLIC CHARITY | TO INCREASE THE NUMBER OF FACULTY AT TRIBAL COLLEGES AND UNIVERSITIES POSSESSING A PH.D. IN MATHEMATICS, NATURAL SCIENCE, OR ENGINEERING | 50,000. |
| AMERICAN PHYSICAL SOCIETY 1 PHYSICS ELLIPSE COLLEGE PARK, MD 20740 | NONE 509 (A) (2) | TO INCREASE AWARENESS OF THE CONTRIBUTIONS TO PHYSICS OF WOMEN PHYSICISTS | 18,900. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| AMERICAN UNIVERSITY 4400 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20016-8061 | NONE 170 (B) (1) (A) (II) | TO HOLD A WORKSHOP ON WHAT LIBRARIES CAN DO TODAY TO TAKE ADVANTAGE OF DIGITIZATION AND BEST SERVE THE SCHOLARLY COMMUNITY UNDER EXISTING LAW | 26,350. |
| ARIZONA STATE UNIVERSITY 1151 S FOREST AVE TEMPE, AZ 85287-0705 | NONE 170 (B) (1) (A) (II) | TO PROVIDE TRAVEL SUPPORT FOR ATTENDEES AT A CONFERENCE ON MACROECONOMIC THEORY AND ENVIRONMENTAL ISSUES | 15,000. |
| ASSOCIATION OF AMERICAN UNIVERSITIES ONE DUPONT CIRCLE, NW, SUITE 730 WASHINGTON, DC 20036 | NONE 501 C 3 PUBLIC CHARITY | TO PLAN THE LAUNCH OF A SUSTAINABLE MEDIA OUTLET FOR COMMUNICATING WITH THE PUBLIC ABOUT ACADEMIC RESEARCH RESULTS | 94,041. |
| AZAVEA, INC. 340 N. 12TH STREET, SUITE 402 PHILADELPHIA, PA 19107 | NONE NON-501 (C) (3) | TO READY PUBLIC MAPPING PROTOTYPE SOFTWARE FOR OPEN USE IN THE REDISTRICTING PROCESS | 124,916. |
| BIOBRICKS FOUNDATION INCORPORATED 955 MASSACHUSETTS AVENUE, #330 CAMBRIDGE, MA 2139 | NONE 170 (B) (1) (A) (VI) | TO ENHANCE DISCUSSION OF ETHICAL, POLICY, AND SOCIETAL DIMENSIONS AT THE 5TH ANNUAL INTERNATIONAL MEETING OF THE SYNTHETIC BIOLOGY COMMUNITY | 84,717. |
| BROOKLYN ACADEMY OF MUSIC INC 30 LAFAYETTE AVENUE BROOKLYN, NY 11217 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT BAM'S SPECIAL 150TH ANNIVERSARY EXHIBITION ON THE SHACKLETON TRANS-ANTARCTIC EXPEDITION WITH ENHANCED SCIENTIFIC CONTEXT | 20,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| BROOKLYN ACADEMY OF MUSIC INC 30 LAFAYETTE AVENUE BROOKLYN, NY 11217 | NONE 170 (B) (1) (A) (VI) | RESEARCH AND PLANNING FOR A FEATURE LENGTH FILM AND TELEVISION BROADCAST ABOUT EINSTEIN ON THE BEACH | 122,250. |
| BUSINESS-HIGHER EDUCATION FORUM 2025 M STREET NW SUITE 800 WASHINGTON, DC 20036-0000 | NONE 501 C 3 PUBLIC CHARITY | TO DEVELOP A PLAN FOR PILOTING STRATEGIES TO INCREASE ENROLLMENT, PERSISTENCE, AND SUCCESSFUL GRADUATION OF UNDERGRADUATE STUDENTS, PARTICULARLY AMONG WOMEN AND UNDERREPRESENTED MINORITIES (URMS), IN THE STEM DISCIPLINES IN MARYLAND | 56,000. |
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 1995 UNIVERISTY AVENUE BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | TO EXPLORE AND ENCOURAGE NEW APPLICATIONS OF TRANSACTIONS COST ECONOMICS | 96,697. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, IRVIN IRVINE IRVINE, CA 92717 | NONE 170 (B) (1) (A) (II) | TO EVALUATE HOW PUBLIC ACCESS TO MAPPING SOFTWARE AND DATA, INCLUDING INITIATIVES SUPPORTED BY FOUNDATION GRANTS, IMPACTS THE REDISTRICTING PROCESS | 119,756. |
| CARNEGIE ENDOWMENT FOR INTERNATIONAL PEACE 1779 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036 | NONE 170 (B) (1) (A) (VI) | TO FUND THE TRAVEL OF AMERICAN PARTICIPANTS IN A CONFERENCE ON REPROCESSING IN NORTHEAST ASIA TO BE HOSTED BY THE CHINA ARMS CONTROL AND DISARMAMENT ASSOCIATION | 19,800. |
| CENTER FOR THE STUDY OF THE PRESIDENCY 1020 19TH STREET, NW WASHINGTON, DC 20036 | NONE 501 C 3 PUBLIC CHARITY | TO DESIGN AND RUN AN EXERCISE INVOLVING HIGH-LEVEL PUBLIC AND PRIVATE SECTOR PARTICIPANTS THAT SIMULATES A HYPOTHETICAL FINANCIAL CRISIS | 67,600. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| CODE FOR AMERICA LABS INC. 85 2ND STREET, SUITE 710 SAN FRANCISCO, CA 94105 | NONE 501 C 3 PUBLIC CHARITY | TO SUPPORT THE 2011 CODE FOR AMERICA SUMMIT | 50,000. |
| COLD SPRING HARBOR LABORATORY PO BOX 534 COLD SPRING HARBOR, NY 11724-0534 | NONE 170 (B) (1) (A) (VI) | TO HELP DEVELOP A HISTORY OF THE HUMAN GENOME PROJECT | 50,000. |
| THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF 1210 AMSTERDAM AVENUE NEW YORK, NY 10027 | NONE 170 (B) (1) (A) (II) | TO SUPPORT A COMMUNITY FORUM TO BRING TOGETHER STAKEHOLDERS SUCH AS SCIENTISTS, JOURNAL EDITORS, FUNDING AGENCIES, TO DISCUSS THE REPRODUCIBILITY IN THE COMPUTATIONAL SCIENCES | 3,800. |
| CORNELL UNIVERSITY 144 EAST AVE ITHACA, NY 14853 | NONE 170 (B) (1) (A) (II) | TO SUPPORT A PILOT PROJECT TO DEVELOP APPROPRIATE DATASETS AND METHODOLOGY FOR EXAMINING HOW DIFFERENT OWNERSHIP STRUCTURES-PARTICULARLY PRIVATE EQUITY-AFFECT HOSPITAL PERFORMANCE AND OUTCOMES | 124,851. |
| COUNCIL ON LIBRARY AND INFORMATION RESOURCES 1775 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036-2124 | NONE 170 (B) (1) (A) (VI) | TO ADDRESS THE NEED FOR SOUND DATA MANAGEMENT PRACTICE THROUGHOUT THE ACADEMY BY MEANS OF A RESEARCH PROJECT AIMED AT IDENTIFYING ALTERNATIVE WAYS TO BUILD THE PROFESSIONAL CAPACITY TO HANDLE DIGITAL DATA | 117,567. |
| DREXEL UNIVERSITY 3201 ARCH STREET PHILADELPHIA, PA 19104-2875 | NONE 170 (B) (1) (A) (II) | TO ESTABLISH AN EVALUATION INFRASTRUCTURE THAT WILL SERVE AS A MODEL FOR RESEARCH AND PRACTICE IN INSTITUTIONAL, NATIONAL, AND INTERNATIONAL LEADERSHIP DEVELOPMENT PROGRAMS, PARTICULARLY THOSE FOCUSING ON WOMEN FACULTY IN ENGINEERING, TECHNOLOGY, AND SCIENCE. | 100,591. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| FILM INDEPENDENT, INC. 9911 W. PICO BOULEVARD, 11TH FLOOR LOS ANGELES, CA 90035 | NONE 509 (A) (2) | TO EXPEDITE ONE SCIENCE AND TECHNOLOGY FILM INTO PRODUCTION WITH A FAST TRACK FELLOWSHIP | 35,000. |
| FRED FRIENDLY SEMINARS INC 2950 BROADWAY NEW YORK, NY 10027 | NONE 170 (B) (1) (A) (VI) | TO REBROADCAST THE PROGRAM MINDS ON THE EDGE: FACING MENTAL ILLNESS, TO PUBLICIZE AVAILABLE RESOURCES, AND TO ENCOURAGE DIALOGUE ABOUT THE MENTAL HEALTH CARE SYSTEM | 19,095. |
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE 399 HARVARD STREET CAMBRIDGE, MA 2139 | NONE 170 (B) (1) (A) (II) | TO BUILD ON THE MOMENTUM FROM THE RADCLIFFE CONFERENCE AND DEVELOP THE DIGITAL PUBLIC LIBRARY OF AMERICA THROUGH A SERIES OF WORKSHOPS AND MEETINGS | 125,000. |
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE 399 HARVARD STREET CAMBRIDGE, MA 2139 | NONE 170 (B) (1) (A) (II) | TO ADVANCE UNDERSTANDING OF MARKET-BASED APPROACHES TO ENVIRONMENTAL PROTECTION BY EXAMINING THE LEGACY OF THE CLEAN AIR ACT AMENDMENTS OF 1990 BY MEANS OF A TWO DAY WORKSHOP AND REPORT | 89,570. |
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE 399 HARVARD STREET CAMBRIDGE, MA 2139 | NONE 170 (B) (1) (A) (II) | TO SUPPORT THE MICROSOFT RESEARCH ESCIENCE WORKSHOP: TRANSFORMING SCHOLARLY COMMUNICATION | 15,000. |
| INDUSTRY STUDIES ASSOCIATION PITTSBURGH UNIVERSITY PITTSBURGH, PA 15260 | NONE 170 (B) (1) (A) (VI) | TO SUPPORT AND INSTITUTIONALIZE A WORKING RELATIONSHIP BETWEEN INFORMS AND THE INDUSTRY STUDIES ASSOCIATION THROUGH THE AWARD OF AN INDUSTRY STUDIES BEST PAPER PRIZE AT INFORMS ANNUAL CONFERENCES | 6,575. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| INSTITUTE FOR NEW ECONOMIC THINKING 570 LEXINGTON AVENUE, 18TH FLOOR NEW YORK, NY 10022 | NONE 501 C 3 PRI NON OP FDN | TO SUPPORT THE PARTICIPATION OF STUDENTS IN A MAJOR INTERNATIONAL CONFERENCE ON NEW ECONOMIC THINKING | 15,108. |
| INSTITUTE FOR OPERATIONS RESEARCH AND THE MANAGEME 7240 PARKWAY DRIVE, SUITE 300 HANOVER, MD 21076 | NONE 509 (A) (2) | TO SUPPORT AND INSTITUTIONALIZE A WORKING RELATIONSHIP BETWEEN INFORMS AND THE INDUSTRY STUDIES ASSOCIATION THROUGH FORMAL ACADEMIC PANELS AT INFORMS PRACTITIONER CONFERENCES | 42,189. |
| INSTITUTE FOR THE FUTURE 124 UNIVERSITY AVENUE, 2ND FLOOR PALO ALTO, CA 94301 | NONE 501 C 3 PUBLIC CHARITY | TO TEST THE SCALABILITY AND PORTABILITY OF SCIENCE HACK DAY EVENTS WORLDWIDE | 75,000. |
| INSTITUTE FOR WOMEN'S POLICY RESEARCH 1200 18TH STREET, NW, SUITE 301 WASHINGTON, DC 20036 | NONE 501 C 3 PUBLIC CHARITY | TO BETTER UNDERSTAND THE RELATIONSHIP BETWEEN EDUCATION AND EMPLOYMENT, EARNINGS, AND OCCUPATIONS AMONG OLDER AMERICANS | 20,000. |
| THE INTERNET ARCHIVE P.O. BOX 29244 SAN FRANCISCO, CA 94129-0244 | NONE 501 C 3 PRIV OPER FDN | TO SUPPORT A SUMMIT ON LINKED OPEN DATA IN LIBRARIES, ARCHIVES, AND MUSEUMS (LOD-LAM), AS WELL AS DISSEMINATION OF PROCEEDINGS AND OUTREACH AROUND PILOT USE CASES | 58,828. |
| UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC. 2385 IRVING HILL ROAD LAWRENCE, KS 66045-7563 | NONE 170 (B) (1) (A) (IV) | TO EVALUATE THE IMPACT OF THE SLOAN AWARDS FOR FACULTY CAREER FLEXIBILITY IN MEDICAL SCHOOLS ON INSTITUTIONS IN TERMS OF POLICIES RELATED TO CAREER FLEXIBILITY AND FOR THEIR FACULTY IN TERMS OF POLICY AWARENESS, PARTICIPATION, AND JOB SATISFACTION | 125,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| LABOR PROJECT FOR WORKING FAMILIES 2521 CHANNING WAY #5555 BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (VI) | TO PROVIDE TERMINAL FUNDING TO ENSURE THAT THE ALFRED P. SLOAN FOUNDATION-FUNDED LEARN WORK FAMILY NETWORK AND CONTRACT LANGUAGE DATABASE IS INCORPORATED INTO THE LABOR PROJECT FOR WORKING FAMILIES | 15,134. |
| LIBRARY FOUNDATION OF LOS ANGELES 630 WEST FIFTH STREET LOS ANGELES, CA 90071 | NONE 501 C 3 PUBLIC CHARITY | FOR PARTIAL SUPPORT FOR THREE-DAY CONFERENCE ON THE ROLE OF U.S. PUBLIC LIBRARIES IN THE AGE OF DIGITIZATION AND IN THE CREATION OF A DIGITAL PUBLIC LIBRARY | 36,000. |
| MICHIGAN STATE UNIVERSITY 840 SERVICE ROAD EAST LANSING, MI 48824 | NONE 170 (B) (1) (A) (II) | TO PRODUCE AN EDITED VOLUME AND BUILD A COMMUNITY OF INTERNATIONAL SCHOLARS FOCUSED ON AN INTERNATIONAL COMPARATIVE ANALYSIS OF THE IMPACT OF WORKING-TIME CONFIGURATIONS ON OLDER WORKERS | 49,900. |
| THE REGENTS OF THE UNIVERSITY OF MICHIGAN 503 THOMPSON STREET ANN ARBOR, MI 48109-1274 | NONE 170 (B) (1) (A) (II) | TO SUPPORT TRAVEL COSTS FOR SPEAKERS AT THE 2011 RISK SCIENCE SYMPOSIUM | 15,000. |
| MONTANA TECH OF THE UNIVERSITY OF MONTANA 1300 WEST PARK STREET BUTTE, MT 59701-8997 | NONE 170 (B) (1) (A) (II) | TO FUND FOR AN ADDITIONAL THREE YEARS THE RECRUITMENT AND RETENTION PORTION OF THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP AT MONTANA TECH | 17,424. |
| UNIVERSITY OF MONTANA MISSOULA, MT 59812 MISSOULA, MT 59812 | NONE 170 (B) (1) (A) (IV) | TO FUND AN ADDITIONAL THREE YEARS OF THE NON-SCHOLARSHIP COMPONENT OF THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP AT THE UNIVERSITY OF MONTANA | 38,800. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| NATIONAL OPINION RESEARCH CENTER 1155 EAST 60TH STREET CHICAGO, IL 60637 | NONE 170 (B) (1) (A) (VI) | TO COMPLETE PREPARATION OF A PROPOSAL FOR A COMPREHENSIVE, RETROSPECTIVE EVALUATION OF NINE MINORITY OR DIVERSITY SCHOLARSHIP PROGRAMS OF EIGHT FOUNDATIONS AND GOVERNMENT AGENCIES | 52,650. |
| NATIONAL POSTDOCTORAL ASSOCIATION 1200 NEW YORK AVENUE, NW WASHINGTON, DC 20005 | NONE 170 (B) (1) (A) (VI) | TO DEVELOP A SELF-SUSTAINING ONLINE RESOURCE TO HELP PROSPECTIVE GRADUATE STUDENTS AND POSTDOCS FIND PROGRAMS SUITED TO THEIR EDUCATIONAL GOALS, DRAWING PRIMARILY UPON PENDING THE NRC ASSESSMENT OF GRADUATE PROGRAMS AND ON OTHER RELEVANT DATA SOURCES | 25,000. |
| RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK 116 EAST 55TH STREET NEW YORK, NY 10022 | NONE 170 (B) (1) (A) (VI) | ON BEHALF OF THE NEIL D. LEVINE INSTITUTE FOR SUPPORT FOR INNOVATE NEW YORK: MEDIA AND COMMUNICATIONS | 40,000. |
| NEW JERSEY INSTITUTE OF TECHNOLOGY FOUNDATION UNIVERSITY HEIGHTS NEWARK, NJ 07102-0000 | NONE 501 C 3 PUBLIC CHARITY | AS SUPPORT FOR TALKS, PERFORMANCES, AND ARTISTIC PRESENTATIONS ON THE ROLE OF BEAUTY AND AESTHETICS IN DARWIN'S THEORIES OF SELECTION | 25,850. |
| NEW YORK COUNTY DISTRICT ATTORNEY 163 WEST 125 ST NEW YORK, NY 10027 | NONE TAX EXEMPT GOVERNMENT | TO SUPPORT A PILOT STUDY TO EXAMINE DIGITAL COURT DOCUMENTS TO DETECT AND MEASURE THE PREVALENCE OF PERJURY AND DEVELOP OPTIONS TO MITIGATE IT | 65,000. |
| NEW YORK HALL OF SCIENCE 47-01 111TH STREET CORONA, NY 11368 | NONE 501 C 3 PUBLIC CHARITY | AS A PLANNING GRANT TO DEVELOP AN INTERACTIVE ELECTRONIC BOOK USING CASES FROM THE INNOCENCE PROJECT TO EDUCATE THE PUBLIC ABOUT THE SCIENCE OF DNA AND THE USE OF DNA EVIDENCE IN THE CRIMINAL JUSTICE SYSTEM | 65,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| THE NORTH CAROLINA A & T UNIVERSITY FOUNDATION INC 200 N BENBOW ROAD GREENSBORO, NC 27401-0000 | NONE 501 C 3 PUBLIC CHARITY | TO ENABLE GRADUATE STUDENTS IN NORTH CAROLINA A&T'S INDUSTRIAL AND SYSTEMS ENGINEERING DEPARTMENT WHO HAVE COME FROM HBCUS TO HAVE A SUMMER RESEARCH EXPERIENCE AT A MAJORITY UNIVERSITY OR GOVERNMENT LABORATORY | 25,000. |
| OHIO STATE UNIVERSITY 1960 KENNY ROAD COLUMBUS, OH 43210 | NONE 170 (B) (1) (A) (VI) | TO ENSURE THE U.S. PERSPECTIVE ON SOCIETAL ISSUES IN SYNTHETIC BIOLOGY IS INCLUDED AT THE FIRST SYNTHETIC BIOLOGY SCIENCE, ART, AND FILM FESTIVAL "BIO: FICTION." | 30,000. |
| PLANETWORK NGO, INC. DBA PLANETWORK HYPOTHES.IS 1230 MARKET STREET, SUITE 517 SAN FRANCISCO, CA 94114 | NONE 501 C 3 PUBLIC CHARITY | TO SUPPORT A WORKSHOP ON REPUTATION SYSTEMS AND WEB ANNOTATION | 20,000. |
| POLYTECHNIC INSTITUTE OF NEW YORK UNIVERSITY SIX METROTECH CENTER BROOKLYN, NY 11201 | NONE 170 (B) (1) (A) (II) | TO SUPPORT A PILOT PROJECT FOR A CYBER SECURITY LECTURE SERIES IN NEW YORK CITY | 124,993. |
| RENSSELAER POLYTECHNIC INSTITUTE 110 8TH STREET TROY, NY 12180-3590 | NONE 501 C 3 PUBLIC CHARITY | TO DEVELOP THE DATA SCIENCE AND MANAGEMENT DIMENSIONS OF THE DEEP CARBON OBSERVATORY | 80,000. |
| UNIVERSITY OF RHODE ISLAND 70 LOWER COLLEGE ROAD KINGSTON, RI 2882 | NONE 170 (B) (1) (A) (VI) | TO ANALYZE AND RECOMMEND PUBLIC ENGAGEMENT STRATEGY FOR THE DEEP CARBON OBSERVATORY | 48,230. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| SMITHSONIAN INSTITUTION PO BOX 37012 SI BUILDING, ROOM 153 WASHINGTON, DC 20013-7012 | NONE 170 (B) (1) (A) (II) | TO CONDUCT INTERNATIONAL DIALOGUES, ESPECIALLY FOR THE AMERICAS, AND RELATED ACTIVITIES TO EXPLORE THE FEASIBILITY OF AN INTERNATIONAL ACADEMIC NETWORK FOR MEASUREMENT AND MONITORING OF THE WORLD'S FORESTS | 60,000. |
| SOCIAL SCIENCE RESEARCH NETWORK 2171 MONROE AVE ROCHESTER, NY 14618 | NONE NON-501 (C) (3) | TO DEVELOP A PLAN FOR EXTENDING THE SOCIAL SCIENCE RESEARCH NETWORK'S SCOPE TO INCLUDE RESEARCH DATA AS WELL AS PREPRINT ARTICLES | 60,490. |
| SOCIETY OF AMERICAN ARCHIVISTS FOUNDATION 17 NORTH STATE STREET CHICAGO, IL 60602-3315 | NONE 501 C 3 PUBLIC CHARITY | TO SUPPORT THE SOCIETY OF AMERICAN ARCHIVISTS SENDING A MEMBER OF ITS INTELLECTUAL PROPERTY WORKING GROUP TO THE WORLD INTELLECTUAL PROPERTY ORGANIZATION'S COMMITTEE ON COPYRIGHT AND RELATED RIGHTS | 6,000. |
| STORYCORPS INC 80 HANSON PLACE, 2ND FLOOR BROOKLYN, NY 11217-1506 | NONE 501 C 3 PUBLIC CHARITY | TO DEVELOP A PLAN FOR MANAGEMENT OF AND COMPUTATIONAL ACCESS TO THE STORY CORPS DIGITAL SOUND ARCHIVE | 24,494. |
| SYRACUSE UNIVERSITY 400 OSTROM AVE SYRACUSE, NY 13244 | NONE 170 (B) (1) (A) (II) | TO ANALYZE THE NATURE AND ESTIMATED NUMBER OF JOBS ASSOCIATED WITH THE WIND ENERGY INDUSTRY IN THE U.S. AND ELSEWHERE | 124,775. |
| UNIVERSITY OF TEXAS, AUSTIN 1 INNER CAMPUS DRIVE AUSTIN, TX 78712 | NONE 170 (B) (1) (A) (II) | TO DETERMINE FEASIBILITY OF A FOLLOW-UP STUDY OF THE HIGH SCHOOL AND BEYOND (HSB) RESPONDENTS TO PROVIDE VITAL INFORMATION ABOUT LINKAGES OF EARLY COGNITIVE AND NON-COGNITIVE SKILLS TO LABOR FORCE OUTCOMES FOR OLDER AMERICANS | 49,973. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| UNIVERSITY OF WASHINGTON 1410 NORTHEAST CAMPUS PARKWAY SEATTLE, WA 98195 | NONE 170 (B) (1) (A) (II) | TO SUPPORT TRAVEL COSTS FOR SPEAKERS AND SELECTED PARTICIPANTS TO THE WORLD CONGRESS ON RISK | 117,407. |
| WELLESLEY COLLEGE 106 CENTRAL STREET WELLESLEY, MA 2181 | NONE 170 (B) (1) (A) (II) | TO IMPROVE RECRUITMENT AND RETENTION OF STUDENTS IN STEM FIELDS AND PRODUCE GRADUATES WHO UNDERSTAND THE ROLE OF SCIENCE IN SOCIETY | 39,828. |
| THE UNIVERSITY OF WEST FLORIDA 11000 UNIVERSITY PARKWAY 11/107 PENSACOLA, FL 32514-5750 | NONE 170 (B) (1) (A) (II) | TO DEVELOP RECOMMENDATIONS AND RESOURCES FOR EFFECTIVE COLLEGE AND UNIVERSITY WORK-LIFE WEBSITES | 19,974. |
| WNET ORG 450 W 33RD STREET NEW YORK, NY 10001-2603 | NONE 501 C 3 PUBLIC CHARITY | TO PRODUCE AND BROADCAST THREE 30-MINUTE OPEN MIND INTERVIEWS ON AGING AND WORK | 45,000. |
| ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNI 1300 MORRIS PARK AVENUE BRONX, NY 10461 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ERTUGRUL M. ÖZBUDAK IN COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY | 50,000. |
| ARIZONA BOARD OF REGENTS, THE UNIVERSITY OF ARIZON PO BOX 3308 TUCSON, AZ 85722-3308 | NONE 170 (B) (1) (A) (II) | TALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JOSHUA EISNER IN PHYSICS | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| BOSTON COLLEGE TRUSTEES 140 COMMONWEALTH AVENUE CHESTNUT HILL, MA 2467 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. KIAN L. TAN IN CHEMISTRY | 50,000. |
| BRANDEIS UNIVERSITY 415 SOUTH STREET WALTHAM, MA 2454 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. CHRISTINE M. THOMAS IN CHEMISTRY | 50,000. |
| BRIGHAM YOUNG UNIVERSITY CES ADMISSIONS A-41 ASB PROVO, UT 84602 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JESSICA S. PURCELL IN MATHEMATICS | 50,000. |
| BROWN UNIVERSITY BROWN UNIVERSITY PROVIDENCE, RI 2912 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ANASTASIA VOLOVICH IN PHYSICS | 50,000. |
| BROWN UNIVERSITY BROWN UNIVERSITY PROVIDENCE, RI 2912 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DAVID BADRE IN NEUROSCIENCE | 50,000. |
| CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BLVD PASADENA, CA 91125 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. CHIARA DARAIO IN PHYSICS | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN F 513 PARNASSUS AVENUE SAN FRANCISCO, CA 94143 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. VIKAAS SINGH SOHAL IN NEUROSCIENCE | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN F 513 PARNASSUS AVENUE SAN FRANCISCO, CA 94143 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. LEOR S. WEINBERGER IN COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN F 513 PARNASSUS AVENUE SAN FRANCISCO, CA 94143 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JENNIFER FUNG IN COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY | 50,000. |
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 601 CAMPUS HALL BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DAVID F. SAVAGE IN COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY | 50,000. |
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 601 CAMPUS HALL BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. KOUSHIK SEN IN COMPUTER SCIENCE | 50,000. |
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 601 CAMPUS HALL BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. PIETER ABBEEL IN COMPUTER SCIENCE | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 601 CAMPUS HALL BERKELEY, CA 94720 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. PER-OLOF PERSSON IN MATHEMATICS | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, DAVIS 1 SHEILDS AVE DAVIS, CA 95616 | NONE 170 (B) (1) (A) (VI) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ARNE D. EKSTROM IN NEUROSCIENCE | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, LOS A 405 HILGARD AVENUE LOS ANGELES, CA 90095 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ELISSA A. HALLEM IN NEUROSCIENCE | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN D 9500 GILMAN DRIVE LA JOLLA, CA 92093 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. TAKAKI KOMIYAMA IN NEUROSCIENCE | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN D 9500 GILMAN DRIVE LA JOLLA, CA 92093 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JOSHUA S. FIGUEROA IN CHEMISTRY | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN D 9500 GILMAN DRIVE LA JOLLA, CA 92093 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. GERT R.G. LANCKRIET IN COMPUTER SCIENCE | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN D 9500 GILMAN DRIVE LA JOLLA, CA 92093 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JENNIFER N. CHA IN CHEMISTRY | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN D 9500 GILMAN DRIVE LA JOLLA, CA 92093 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DRAGOS OPREA IN MATHEMATICS | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN D 9500 GILMAN DRIVE LA JOLLA, CA 92093 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. GENE YEO IN COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SANTA S HALL #4631 SANTA BARBARA, CA 93106 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. KATHERINE A. BYL IN NEUROSCIENCE | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SANTA S HALL #4631 SANTA BARBARA, CA 93106 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. CENKE XU IN PHYSICS | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SANTA S HALL #4631 SANTA BARBARA, CA 93106 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. BENJAMIN MONREAL IN PHYSICS | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SANTA 1156 HIGH STREET SANTA CRUZ, CA 95064 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. RICHARD GREEN IN COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY | 50,000. |
| CARNEGIE MELLON UNIVERSITY 5000 FORBES AVENUE PITTSBURGH, PA 15213-3890 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DAVID G. ANDERSEN IN COMPUTER SCIENCE | 50,000. |
| THE UNIVERSITY OF CHICAGO 5801 SOUTH ELLIS AVENUE CHICAGO, IL 60637 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JESSE M. SHAPIRO IN ECONOMICS | 50,000. |
| THE UNIVERSITY OF CHICAGO 5801 SOUTH ELLIS AVENUE CHICAGO, IL 60637 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. AMIR SUFU IN ECONOMICS | 50,000. |
| THE UNIVERSITY OF CHICAGO 5801 SOUTH ELLIS AVENUE CHICAGO, IL 60637 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. VERONICA GUERRIERI IN ECONOMICS | 50,000. |
| THE UNIVERSITY OF CHICAGO 5801 SOUTH ELLIS AVENUE CHICAGO, IL 60637 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. AZEEM M. SHAIKH IN ECONOMICS | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF 1210 AMSTERDAM AVENUE NEW YORK, NY 10027 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DIRK ROBERT ENGLUND IN PHYSICS | 50,000. |
| THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF 1210 AMSTERDAM AVENUE NEW YORK, NY 10027 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. LATHA VENKATARAMAN IN CHEMISTRY | 50,000. |
| THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF 1210 AMSTERDAM AVENUE NEW YORK, NY 10027 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. SABIN CAUTIS IN MATHEMATICS | 50,000. |
| THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF 1210 AMSTERDAM AVENUE NEW YORK, NY 10027 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. NATHANIEL B. SAWTELL IN NEUROSCIENCE | 50,000. |
| THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF 1210 AMSTERDAM AVENUE NEW YORK, NY 10027 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ABHAY NARAYAN PASUPATHY IN PHYSICS | 50,000. |
| CORNELL UNIVERSITY 144 EAST AVE ITHACA, NY 14853 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. SERENA DEBEER IN CHEMISTRY | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| CORNELL UNIVERSITY 144 EAST AVE ITHACA, NY 14853 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. RAPHAEL PASS IN COMPUTER SCIENCE | 50,000. |
| CORNELL UNIVERSITY 144 EAST AVE ITHACA, NY 14853 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MUKUND VENGALATTORE IN PHYSICS | 50,000. |
| CORNELL UNIVERSITY 144 EAST AVE ITHACA, NY 14853 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ALON KEINAN IN COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY | 50,000. |
| CORNELL UNIVERSITY 144 EAST AVE ITHACA, NY 14853 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. HAKIM WEATHERSPOON IN COMPUTER SCIENCE | 50,000. |
| CORNELL UNIVERSITY 144 EAST AVE ITHACA, NY 14853 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ASHUTOSH SAXENA IN COMPUTER SCIENCE | 50,000. |
| DUKE UNIVERSITY DUKE UNIVERSITY DURHAM, NC 27708 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. SEOK-YONG LEE IN NEUROSCIENCE | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| GEORGIA TECH RESEARCH CORPORATION TECHNOLOGY CAMPUS ATLANTA, GA 30332 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. CHRISTOPHER J. PEIKERT IN COMPUTER SCIENCE | 50,000. |
| GEORGIA TECH RESEARCH CORPORATION TECHNOLOGY CAMPUS ATLANTA, GA 30332 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. SILAS D. ALBEN IN MATHEMATICS | 50,000. |
| GEORGIA TECH RESEARCH CORPORATION TECHNOLOGY CAMPUS ATLANTA, GA 30332 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. SHINA TAN IN PHYSICS | 50,000. |
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE, D.B.A HAR 220 LONGWOOD AVENUE BOSTON, MA 2115 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ALI KHADEMOSSEINI IN CHEMISTRY | 50,000. |
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE 399 HARVARD STREET CAMBRIDGE, MA 2138 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. VINO THAN N. MANOHARAN IN PHYSICS | 50,000. |
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE 399 HARVARD STREET CAMBRIDGE, MA 2138 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ADAM E. COHEN IN CHEMISTRY | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE 399 HARVARD STREET CAMBRIDGE, MA 2138 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ALAN SAGHATELIAN IN CHEMISTRY | 50,000. |
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE 399 HARVARD STREET CAMBRIDGE, MA 2138 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JOHN M. KOVAC IN PHYSICS | 50,000. |
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE 399 HARVARD STREET CAMBRIDGE, MA 2138 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MICHAEL M. DESAI IN COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY | 50,000. |
| UNIVERSITY OF HOUSTON 4800 CALHOUN ROAD HOUSTON, TX 77004 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. VASSILIIY LUBCHENKO IN CHEMISTRY | 50,000. |
| THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOI 601 EAST JOHN STREET CHAMPAIGN, IL 61820 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. RYAN C. BAILEY IN CHEMISTRY | 50,000. |
| JOHNS HOPKINS UNIVERSITY 3400 NORTH CHALRES STREET BALTIMORE, MD 21218-2688 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. NADIA L. ZAKAMSKA IN PHYSICS | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| KANSAS STATE UNIVERSITY 119 ANDERSON HALL MANHATTAN, KS 66506 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. CHRISTINE M. AIKENS IN CHEMISTRY | 50,000. |
| UNIVERSITY OF MARYLAND, COLLEGE PARK 7950 BALTIMORE AVE COLLEGE PARK, MD 20742 | NONE 170 (B) (1) (A) (III) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MICHAEL A. LEVIN IN PHYSICS | 50,000. |
| UNIVERSITY OF MARYLAND, COLLEGE PARK 7950 BALTIMORE AVE COLLEGE PARK, MD 20742 | NONE 170 (B) (1) (A) (III) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MARIA CAMERON IN MATHEMATICS | 50,000. |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 2139 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. LAURENT DEMANET IN MATHEMATICS | 50,000. |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 2139 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JEFF GORE IN PHYSICS | 50,000. |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 2139 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MARKUS KLUTE IN PHYSICS | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| UNIVERSITY OF MASSACHUSETTS, WORCESTER LINCOLN STREET WORCESTER, MA 1655 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. CLAIRE BENARD IN NEUROSCIENCE | 50,000. |
| MICHIGAN STATE UNIVERSITY 840 SERVICE ROAD EAST LANSING, MI 48824 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MATTHEW HEDDEN IN MATHEMATICS | 50,000. |
| MICHIGAN STATE UNIVERSITY 840 SERVICE ROAD EAST LANSING, MI 48824 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DAPENG ZHAN IN MATHEMATICS | 50,000. |
| MICHIGAN STATE UNIVERSITY 840 SERVICE ROAD EAST LANSING, MI 48824 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. IGNACIO URIARTE-TUERO IN MATHEMATICS | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF MICHIGAN 503 THOMPSON STREET ANN ARBOR, MI 48109-1274 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ANNE J. MCNEIL IN CHEMISTRY | 50,000. |
| THE REGENTS OF THE UNIVERSITY OF MICHIGAN 503 THOMPSON STREET ANN ARBOR, MI 48109-1274 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. VOLKER ELLING IN MATHEMATICS | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| THE REGENTS OF THE UNIVERSITY OF MINNESOTA 200 OAK STREET SE MINNEAPOLIS, MN 55455 | NONE 170 (B) (1) (A) (II) | TRANSFER OF ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. SVITLANA MAYBORODA IN MATHEMATICS ORIGINALLY AWARDED AT PURDUE UNIVERSITY | 50,000. |
| UNIVERSITY OF NEBRASKA 1400 R STREET LINCOLN, NE 68588 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. CARINA P. CURTO IN MATHEMATICS | 50,000. |
| NEW YORK UNIVERSITY 70 WASHINGTON SQUARE NORTH NEW YORK, NY 10012-1019 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MATTHIRU WYART IN PHYSICS | 50,000. |
| NEW YORK UNIVERSITY 70 WASHINGTON SQUARE NORTH NEW YORK, NY 10012-1019 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ROBERT FERGUS IN COMPUTER SCIENCE | 50,000. |
| NEW YORK UNIVERSITY 70 WASHINGTON SQUARE NORTH NEW YORK, NY 10012-1019 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JINYANG LI IN COMPUTER SCIENCE | 50,000. |
| NORTHEASTERN UNIVERSITY 360 HUNTINGTON AVE BOSTON, MA 02115-5096 | NONE 170 (B) (1) (A) (II) | TRANSFER FOR ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ALINA MARIAN IN MATHEMATICS FROM UNIVERSITY OF ILLINOIS, CHICAGO | 32,893. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| NORTHWESTERN UNIVERSITY 633 CLARK STREET EVANSTON, IL 60208 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. EMILY A. WEISS IN CHEMISTRY | 50,000. |
| NORTHWESTERN UNIVERSITY 633 CLARK STREET EVANSTON, IL 60208 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JIAXING HUANG IN CHEMISTRY | 50,000. |
| NORTHWESTERN UNIVERSITY 633 CLARK STREET EVANSTON, IL 60208 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. SEEMA JAYACHANDRAN IN ECONOMICS | 50,000. |
| NORTHWESTERN UNIVERSITY 633 CLARK STREET EVANSTON, IL 60208 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DAVID MCLEAN IN NEUROSCIENCE | 50,000. |
| OHIO STATE UNIVERSITY 1960 KENNY ROAD COLUMBUS, OH 43210 | NONE 170 (B) (1) (A) (VI) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ROMAN HOLOWINSKY IN MATHEMATICS | 50,000. |
| THE PENNSYLVANIA STATE UNIVERSITY 201 OLD MAN UNIVERSITY PARK, PA 16802 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. WILLIAM G. NOID IN CHEMISTRY | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 3451 WALNUT STREET PHILADELPHIA, PA 19104-6205 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. PHILIP T. GRESSMAN IN MATHEMATICS | 50,000. |
| TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 3451 WALNUT STREET PHILADELPHIA, PA 19104-6205 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ROBERT MILLS STRAIN IN MATHEMATICS | 50,000. |
| TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 3451 WALNUT STREET PHILADELPHIA, PA 19104-6205 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. NANCY RUONAN ZHANG IN COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY | 50,000. |
| UNIVERSITY OF PITTSBURGH 350 THACKERAY HALL PITTSBURGH, PA 15213 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MARK REBEIZ IN COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY | 50,000. |
| THE TRUSTEES OF PRINCETON UNIVERSITY NASSAU HALL PRINCETON, NJ 8544 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JENNY E. GREENE IN PHYSICS | 50,000. |
| THE TRUSTEES OF PRINCETON UNIVERSITY NASSAU HALL PRINCETON, NJ 8544 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. SYLVAIN CHASSANG IN ECONOMICS | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| THE TRUSTEES OF PRINCETON UNIVERSITY NASSAU HALL PRINCETON, NJ 8544 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MALA MURTHY IN NEUROSCIENCE | 50,000. |
| THE TRUSTEES OF PRINCETON UNIVERSITY NASSAU HALL PRINCETON, NJ 8544 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MICHAEL J. FREEDMAN IN COMPUTER SCIENCE | 50,000. |
| THE TRUSTEES OF PRINCETON UNIVERSITY NASSAU HALL PRINCETON, NJ 8544 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MARK BRAVERMAN IN COMPUTER SCIENCE | 50,000. |
| UNIVERSITY OF ROCHESTER 252 ELMWOOD AVE ROCHESTER, NY 14627 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DAVID W. MCCAMANT IN CHEMISTRY | 50,000. |
| UNIVERSITY OF ROCHESTER 252 ELMWOOD AVE ROCHESTER, NY 14627 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DANIEL SEIDEL IN CHEMISTRY | 50,000. |
| RUTGERS, STATE UNIVERSITY OF NEW JERSEY 3 RUTGERS PLAZA NEW BRUNSWICK, NJ 08901-1281 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DANIEL SEIDEL IN CHEMISTRY | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| UNIVERSITY OF SOUTHERN CALIFORNIA UNIVERSITY PARK LOS ANGELES, CA 90089 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. AARON D. LAUDA IN MATHEMATICS | 50,000. |
| BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UN 369 NORTH-SOUTH AXIS STANFORD, CA 94305 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. SEAN HARTNOLL IN PHYSICS | 50,000. |
| BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UN 369 NORTH-SOUTH AXIS STANFORD, CA 94305 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MANUEL AMADOR IN ECONOMICS | 50,000. |
| BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UN 369 NORTH-SOUTH AXIS STANFORD, CA 94305 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. FEI-FEI LI IN COMPUTER SCIENCE | 50,000. |
| BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UN 369 NORTH-SOUTH AXIS STANFORD, CA 94305 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MICHAEL OSTROVSKY IN ECONOMICS | 50,000. |
| TEXAS A&M UNIVERSITY COLLEGE STATION COLLEGE STATION, TX 77843-3121 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. GRIGORIS PAOURIS IN MATHEMATICS | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| UNIVERSITY OF TEXAS, AUSTIN 1 INNER CAMPUS DRIVE AUSTIN, TX 78712 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JONATHAN W. PILLOW IN NEUROSCIENCE | 50,000. |
| TOYOTA TECHNOLOGICAL INSTITUTE AT CHICAGO 6045 S. KENWOOD AVENUE CHICAGO, IL 60637 | NONE 501 C 3 PUBLIC CHARITY | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JULIA CHUZHOY IN COMPUTER SCIENCE | 50,000. |
| TRUSTEES OF BOSTON UNIVERSITY 25 BUICK STREET BOSTON, MA 2215 | NONE 501 C 3 PUBLIC CHARITY | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. PANKAJ MEHTA IN PHYSICS | 50,000. |
| TRUSTEES OF BOSTON UNIVERSITY 25 BUICK STREET BOSTON, MA 2215 | NONE 501 C 3 PUBLIC CHARITY | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. COREY STEPHENSON IN CHEMISTRY | 50,000. |
| THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW 1300 ELMWOOD AVE BUFFALO, NY 14260 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. XIAOQING LI IN MATHEMATICS | 50,000. |
| UNIVERSITY OF VIRGINIA 914 EMMET ST., N CHARLOTTESVILLE, VA 22903 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MIKHAIL ERSHOV IN MATHEMATICS | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| UNIVERSITY OF VIRGINIA 914 EMMET ST., N CHARLOTTESVILLE, VA 22903 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MICHAEL A. HILL IN MATHEMATICS | 50,000. |
| UNIVERSITY OF WASHINGTON 1410 NORTHEAST CAMPUS PARKWAY SEATTLE, WA 98195 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ELHANAN BORENSTEIN IN COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY | 50,000. |
| UNIVERSITY OF WASHINGTON 1410 NORTHEAST CAMPUS PARKWAY SEATTLE, WA 98195 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DUSTIN J. MALY IN CHEMISTRY | 50,000. |
| UNIVERSITY OF WASHINGTON 1410 NORTHEAST CAMPUS PARKWAY SEATTLE, WA 98195 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. XIAOSONG LI IN CHEMISTRY | 50,000. |
| UNIVERSITY OF WASHINGTON 1410 NORTHEAST CAMPUS PARKWAY SEATTLE, WA 98195 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. GEORG SEELIG IN COMPUTATIONAL AND EVOLUTIONARY MOLECULAR BIOLOGY | 50,000. |
| UNIVERSITY OF WASHINGTON 1410 NORTHEAST CAMPUS PARKWAY SEATTLE, WA 98195 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. PAUL A. WIGGINS IN PHYSICS | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| UNIVERSITY OF WASHINGTON 1410 NORTHEAST CAMPUS PARKWAY SEATTLE, WA 98195 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ANUP RAO IN COMPUTER SCIENCE | 50,000. |
| UNIVERSITY OF WISCONSIN, MADISON 500 LINCOLN DRIVE MADISON, WI 53706-1380 | NONE 170 (B) (1) (A) (II) | TRANSFER OF ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR ANDREJ ZLATOS IN MATHEMATICS | 31,416. |
| YALE UNIVERSITY NEW HAVEN, CT 06520 NEW HAVEN, CT 6520 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MICHAEL J. HIGLEY IN NEUROSCIENCE | 50,000. |
| YALE UNIVERSITY 38 HILLHOUSE AVE NEW HAVEN, CT 6520 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. MAUREEN D. LONG IN PHYSICS | 50,000. |
| YALE UNIVERSITY 38 HILLHOUSE AVE NEW HAVEN, CT 6520 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DAVID A. SPIEGEL IN CHEMISTRY | 50,000. |
| YALE UNIVERSITY 38 HILLHOUSE AVE NEW HAVEN, CT 6520 | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. DANIEL ABADI IN COMPUTER SCIENCE | 50,000. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| UNIVERSITY OF D.C. FOUNDATION 4200 CONNECTICUT AVE., NW WASHINGTON, DC 20008 | NONE 170 (B) (1) (A) (IV) | FOR THE IMPLEMENTATION OF PROFESSIONAL SCIENCE MASTER'S DEGREE PROGRAMS AT THE HBCU MID-ATLANTIC PSM ALLIANCE | 50,000. |
| ARIUS ASSOCIATION TAFERNSTRASSE 11 CH-5405 BADEN SWITZERLAND | NONE FOREIGN NON-501(C) (3) | TO PROVIDE RENEWED SUPPORT FOR THE DEVELOPMENT OF INTERPOL'S CAPACITY TO COUNTER BIOTERRORISM BY RAISING AWARENESS, DEVELOPING POLICE TRAINING PROGRAMS AND STRENGTHENING LAW ENFORCEMENT1 | 75,000. |
| ICPO-INTERPOL 200, QUAI CHARLES DE GAULLE 69006 LYON FRANCE | NONE INT'L GOV ENTITY | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. JACOB | 400,000. |
| ICPO-INTERPOL 200, QUAI CHARLES DE GAULLE 69006 LYON FRANCE | NONE INT'L GOV ENTITY | TO PROMOTE AND ADVANCE INTERNATIONAL COMPARATIVE STUDIES OF HOUSEHOLD FINANCE | 700,000. |
| CHANCELLOR, MASTERS & SCHOLARS OF THE UNIVERSITY O WELLINGTON SQUARE OX1 2JD UNITED KINGDOM | NONE 501 C 3 PUBLIC CHARITY | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. RAANAN | 422,837. |
| CHANCELLOR, MASTERS & SCHOLARS OF THE UNIVERSITY O WELLINGTON SQUARE OX1 2JD UNITED KINGDOM | NONE 501 C 3 PUBLIC CHARITY | TO MEASURE THE DRIVERS AND DYNAMICS OF HIGH SKILLED IMMIGRATION | 391,066. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO OXFORD CANADA | NONE FOREIGN 501 (C) (3) | TO STUDY THE ECONOMICS OF KNOWLEDGE CONTRIBUTION AND DISTRIBUTION | 284,946. |
| UNIVERSITY OF WARWICK GIBBET HILL ROAD CV4 8UW TORONTO UNITED KINGDOM | NONE FOREIGN NON-501(C) (3) | TO DEVELOP MATHEMATICAL FOUNDATIONS AND APPLICATIONS FOR THE CONTROL THEORY OF COMPLEX SYSTEMS | 371,499. |
| UNIVERSITY OF LEEDS LEEDS, LS2 9JT COVENTRY UNITED KINGDOM | NONE FOREIGN 501 (C) (3) | TO CONDUCT INTERNATIONAL, ESPECIALLY EUROPEAN, DIALOGUES AND RELATED ACTIVITIES TO EXPLORE THE FEASIBILITY OF AN INTERNATIONAL ACADEMIC NETWORK FOR MEASUREMENT AND MONITORING OF THE WORLD'S FORESTS | 60,000. |
| MONGOLIAN AMERICAN SCIENTIFIC RESEARCH CENTER CHINGELTEI DISTRICT, BAGA TOIRUU 3/ WEST YORKSHIRE MONGOLIA | NONE FOREIGN 501 (C) (3) | TO FUND A CONFERENCE ON FRESH AND SPENT FUEL MANAGEMENT AND REGIONAL NUCLEAR COOPERATION IN NORTH EAST ASIA | 75,000. |
| MONGOLIAN AMERICAN SCIENTIFIC RESEARCH CENTER CHINGELTEI DISTRICT, BAGA TOIRUU 3/ KHOROO MONGOLIA | NONE FOREIGN 501 (C) (3) | TO PROVIDE ADDITIONAL FUNDING FOR A CONFERENCE ON FRESH AND SPENT FUEL MANAGEMENT AND REGIONAL NUCLEAR COOPERATION IN NORTH EAST ASIA | 7,500. |
| OPEN KNOWLEDGE FOUNDATION 37 PANTON STREET KHOROO UNITED KINGDOM | NONE FOREIGN 501 (C) (3) | TO PROMOTE OPEN CONTENT AND OPEN DATA PRACTICES IN ECONOMICS | 124,315. |

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|--------------------|
| UNIVERSITY OF CALGARY 2500 UNIVERSITY DRIVE NW AB T2N 1N4 CAMBRIDGE CANADA | NONE FOREIGN 501 (C) (3) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. CURTIS P. BERLINGUETTE IN CHEMISTRY | 50,000. |
| ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING 845 SHERBROOKE STREET WEST QC H3A 2T5 CALGARY CANADA | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. BRIAN CHEN IN NEUROSCIENCE | 50,000. |
| GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO MONTREAL CANADA | NONE FOREIGN 501 (C) (3) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. SABINE STANLEY IN PHYSICS | 50,000. |
| UNIVERSITY OF WATERLOO TORONTO CANADA | NONE 170 (B) (1) (A) (II) | ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR DR. ADRIAN LUPASCU IN PHYSICS | 50,000. |
| UNIVERSITY OF OTTAWA 550 CUMBERLAND STREET ON WATERLOO CANADA | NONE FOREIGN 501 (C) (3) | TO PROVIDE RENEWED SUPPORT TO DEVELOP FUNGAL BARCODES AND USE THEM TO EXPLORE THE INDOOR ENVIRONMENT | 300,000. |
| TOTAL CONTRIBUTIONS PAID | | | <u>75,008,312.</u> |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| ADLER PLANETARIUM 1300 S LAKE SHORE DRIVE CHICAGO, IL 60610 | NONE 501 C 3 PUBLIC CHARITY | TO DEMONSTRATE THE ABILITY OF DATA ANALYSIS THROUGH CITIZEN SCIENCE TO MAKE SIGNIFICANT CONTRIBUTIONS ACROSS THE WIDEST POSSIBLE RANGE OF RESEARCH AREAS | 374,983. |
| UNIVERSITY OF ALASKA, ANCHORAGE 3211 PROVIDENCE DRIVE ANCHORAGE, AK 99508 | NONE 170(B) (1) (A) (II) | TO FUND FOR AN ADDITIONAL THREE YEARS THE RECRUITMENT AND RETENTION PORTION OF THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP PROGRAM AT THE UNIVERSITY OF ALASKA | 80,000. |
| AMERICAN FILM INSTITUTE INC. 2021 NORTH WESTERN AVENUE LOS ANGELES, CA 90027 | NONE 170(B) (1) (A) (VI) | FOR SCREENWRITING AND PRODUCTION OF SCIENCE AND TECHNOLOGY FILMS BY THE TOP FILM STUDENTS | 90,000. |
| AMERICAN INDIAN COLLEGE FUND 8333 GREENWOOD BLVD. DENVER, CO 80221 | NONE 501 C 3 PUBLIC CHARITY | TO INCREASE THE NUMBER OF FACULTY WHO POSSESS GRADUATE DEGREES IN MATHEMATICS, NATURAL SCIENCE, AND ENGINEERING AT TRIBAL COLLEGES AND UNIVERSITIES | 200,000. |
| AMERICAN MUSEUM OF NATURAL HISTORY CENTRAL PARK WEST AT 79TH STREET NEW YORK, NY 10024 | NONE 170(B) (1) (A) (VI) | TO FOSTER APPLICATIONS OF DNA BARCODING FOR CONSERVING BIODIVERSITY, REDUCING CONSUMER FRAUD, AND PROTECTING HUMAN HEALTH | 200,000. |
| AMERICAN MUSEUM OF THE MOVING IMAGE 36-01 35TH AVENUE ASTORIA, NY 11106 | NONE 170(B) (1) (A) (VI) | TO SHOWCASE AWARD-WINNING STUDENT FILMS AND TO MAINTAIN A GO-TO SITE FOR ALL SLOAN FILM AND TELEVISION PROJECTS AND FOR ALL SLOAN FILM PROGRAM PARTICIPANTS | 76,536. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| AMERICAN SOCIETY FOR ENGINEERING EDUCATION 1818 N STREET, NW, SUITE 600 WASHINGTON, DC 20036 | NONE 170(B) (1) (A) (VI) | TO ENABLE THE AMERICAN SOCIETY FOR ENGINEERING EDUCATION TO LAUNCH A PROGRAM TO ROUTINELY COLLECT AND REPORT DATA ON UNDERGRADUATE ENGINEERING COMPLETION RATES AND TIME-TO-DEGREE | 168,835. |
| ARIZONA BOARD OF REGENTS, THE UNIVERSITY OF ARIZON PO BOX 3308 TUCSON, AZ 85722-3308 | NONE 170(B) (1) (A) (II) | TO FUND, FOR AN ADDITIONAL THREE YEARS, THE RECRUITMENT AND RETENTION PORTION OF THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP AT THE UNIVERSITY OF ARIZONA | 32,120. |
| BOSTON COLLEGE TRUSTEES 140 COMMONWEALTH AVENUE CHESTNUT HILL, MA 02467 | NONE 170(B) (1) (A) (II) | FOR A RENEWAL GRANT FOR THE BOSTON COLLEGE CENTER ON AGING AND WORK | 1,743,388. |
| THE BROOKINGS INSTITUTION 1775 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036 | NONE 170(B) (1) (A) (VI) | FOR AN ANNUAL AND INDEPENDENT FORUM THAT WILL IDENTIFY, ANALYZE, DISCUSS, AND PROMOTE OPTIONS FOR INTERNATIONAL MONETARY REFORM | 151,336. |
| THE BROOKINGS INSTITUTION 1775 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036 | NONE 170(B) (1) (A) (VI) | TO PUBLISH THROUGH BPEA FINANCIAL RESEARCH AND ECONOMIC DATA THAT IS ACCESSIBLE, RELIABLE, AND INFLUENTIAL | 300,000. |
| BROOKLYN ACADEMY OF MUSIC INC 30 LAFAYETTE AVENUE BROOKLYN, NY 11217 | NONE 170(B) (1) (A) (VI) | TO PRODUCE A FEATURE-LENGTH DOCUMENTARY ON ROBERT WILSON AND PHILIP GLASS'S HISTORIC OPERA, EINSTEIN ON THE BEACH, AND DISTRIBUTE IT FOR INTERNATIONAL THEATRICAL RELEASE AND DOMESTIC TELEVISION BROADCAST | 300,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 1995 UNIVERSITY AVENUE BERKELEY, CA 94720 | NONE 170(B) (1) (A) (II) | TO INVESTIGATE THE PROCESSES AND SOURCES RESPONSIBLE FOR INDOOR MICROBIAL COMMUNITIES AND INDOOR AIR QUALITY | 425,550. |
| REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELE 1995 UNIVERSITY AVENUE BERKELEY, CA 94720 | NONE 170(B) (1) (A) (II) | TO DEVELOP SOLUTIONS TO COPYRIGHT LAW OBSTACLES FACING PUBLIC DIGITAL LIBRARY INITIATIVES AND COORDINATE THEM WITH THE DIGITAL PUBLIC LIBRARY OF AMERICA EFFORT | 446,194. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, DAVIS 1 SHEILDS AVE DAVIS, CA 95616 | NONE 170(B) (1) (A) (VI) | TO ESTABLISH AND SUPPORT THE MICRO BIOMES OF BUILT ENVIRONMENTS NETWORK (MICROBE NET) | 693,936. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, DAVIS 1 SHEILDS AVE DAVIS, CA 95616 | NONE 170(B) (1) (A) (VI) | TO INITIATE THE RESEARCH OF THE TEAM OF THE DEEP CARBON OBSERVATORY CONCERNED WITH BASIC PHYSICS AND CHEMISTRY OF CARBON AT THE EXTREME PRESSURE AND TEMPERATURE CONDITIONS OF EARTH'S INTERIOR | 1,000,000. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, DAVIS 1 SHEILDS AVE DAVIS, CA 95616 | NONE 170(B) (1) (A) (VI) | TO ENABLE INTERNATIONAL ECONOMIC COMPARISONS BY SUPPORTING THE PENN WORLD TABLE'S NEXT GENERATION | 295,650. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, LOS A 405 HILGARD AVENUE LOS ANGELES, CA 90095 | NONE 170(B) (1) (A) (II) | FOR SCREENWRITING AND PRODUCTION OF SCIENCE AND TECHNOLOGY FILMS BY TOP FILM STUDENTS | 103,250. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, LOS A 405 HILGARD AVENUE LOS ANGELES, CA 90095 | NONE 170(B) (1) (A) (II) | TO IMPROVE OUR UNDERSTANDING OF HOW INTERGENERATIONAL SUPPORT FOR PARENTS, ADULT CHILDREN, AND GRANDCHILDREN INFLUENCES LABOR SUPPLY OF OLDER ADULTS NEARING RETIREMENT | 144,113. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, LOS A 405 HILGARD AVENUE LOS ANGELES, CA 90095 | NONE 170(B) (1) (A) (II) | TO CONDUCT ETHNOGRAPHIC RESEARCH OF SCIENTIFIC INFORMATION AND DATA PRACTICES | 698,232. |
| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, RIVER 900 UNIVERSITY AVENUE RIVERSIDE, CA 92521 | NONE PUBLIC CHARITY | TO PROVIDE TOOLS AND A DATA ARCHIVE FOR ANALYZING SEQUENCE DATA OF MICROBIAL COMMUNITIES IN THE INDOOR ENVIRONMENT | 254,347. |
| CARNEGIE INSTITUTION OF WASHINGTON 1530 P STREET, N.W. WASHINGTON, DC 20005 | NONE 501 C 3 PUBLIC CHARITY | TO INITIATE THE RESERVOIRS AND FLUXES DIRECTORATE OF THE DEEP CARBON OBSERVATORY | 599,995. |
| CARNEGIE MELLON UNIVERSITY 5000 FORBES AVENUE PITTSBURGH, PA 15213-3890 | NONE 170(B) (1) (A) (II) | TO ENCOURAGE TOP FILM STUDENTS TO WRITE SCREENPLAYS ABOUT SCIENCE AND TECHNOLOGY AND TO HELP THEIR CAREERS | 96,761. |
| CARNEGIE MELLON UNIVERSITY 5000 FORBES AVENUE PITTSBURGH, PA 15213-3890 | NONE 170(B) (1) (A) (II) | TO CONDUCT AND PROMOTE RESEARCH ON THE CREDIT RATING INDUSTRY AND ITS REGULATION | 321,069. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| CENTER FOR INDEPENDENT DOCUMENTARY, INC. 680 S MAIN ST SHARON, MA 02067-2868 | NONE 501 C 3 PUBLIC CHARITY | TO SUPPORT THE PRODUCTION OF A PBS DOCUMENTARY ON "COMING OF AGE IN AGING AMERICA" | 100,000. |
| THE UNIVERSITY OF CHICAGO 5801 SOUTH ELLIS AVENUE CHICAGO, IL 60637 | NONE 170(B) (1) (A) (II) | TO PROVIDE TOOLS AND A DATA ARCHIVE FOR ANALYZING SEQUENCE DATA OF MICROBIAL COMMUNITIES IN THE INDOOR ENVIRONMENT | 344,203. |
| THE UNIVERSITY OF CHICAGO 5801 SOUTH ELLIS AVENUE CHICAGO, IL 60637 | NONE 170(B) (1) (A) (II) | TO CONSTRUCT AND CALIBRATE MODELS FOR ANALYZING HOW THE FINANCIAL SECTOR AND ITS REGULATION CAN INFLUENCE THE MACRO ECONOMY | 663,780. |
| RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW 230 WEST 41ST STREET NEW YORK, NY 10036 | NONE 170(B) (1) (A) (VI) | TO ENCOURAGE AND SUPPORT PROMISING EARLY CAREER SCIENTISTS AT BOTH STUDENT AND FACULTY LEVELS THROUGH TWO AWARDS PROGRAMS: A SUMMER UNDERGRADUATE RESEARCH PROGRAM AND A JUNIOR FACULTY FELLOWSHIP PROGRAM | 575,968. |
| CLEAN AIR TASK FORCE, INC. 18 TREMONT STREET, SUITE 530 BOSTON, MA 02108 | NONE 509 (A) (2) | TO ORGANIZE THE FORMULATION OF A STUDY GROUP, A RESEARCH FRAMEWORK, AND A REQUEST-FOR-PROPOSALS TO INVESTIGATE THE ENERGY EFFICIENCY PARADOX | 98,832. |
| COLD SPRING HARBOR LABORATORY PO BOX 534 COLD SPRING HARBOR, NY 11724-0534 | NONE 170(B) (1) (A) (VI) | TO SUPPORT A PILOT PROJECT FOR DNA BARCODING EXPERIMENTS BY NEW YORK CITY HIGH SCHOOL STUDENTS | 150,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| THE REGENTS OF THE UNIVERSITY OF COLORADO 1800 GRANT STREET BOULDER, CO 80309-0572 | NONE 170(B) (1) (A) (II) | ANALYZING SEQUENCE DATA OF MICROBIAL COMMUNITIES IN THE INDOOR ENVIRONMENT | 302,683. |
| THE REGENTS OF THE UNIVERSITY OF COLORADO 1800 GRANT STREET BOULDER, CO 80309-0572 | NONE 170(B) (1) (A) (II) | TO CONDUCT A PILOT STUDY TO EXAMINE THE DIVERSITY AND STRUCTURE OF BACTERIAL COMMUNITIES IN KITCHENS | 60,000. |
| THE REGENTS OF THE UNIVERSITY OF COLORADO 1800 GRANT STREET BOULDER, CO 80309-0572 | NONE 170(B) (1) (A) (II) | TO ASSESS THE MICROBIOLOGY OF MUNICIPAL WATER DELIVERY SYSTEMS IN THE U.S. | 402,738. |
| THE REGENTS OF THE UNIVERSITY OF COLORADO 1800 GRANT STREET BOULDER, CO 80309-0572 | NONE 170(B) (1) (A) (II) | TO ORGANIZE AND CONVENE THREE ANNUAL MEETINGS ON THE MICROBIOLOGY OF THE BUILT ENVIRONMENT | 175,000. |
| THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF 1210 AMSTERDAM AVENUE NEW YORK, NY 10027 | NONE 170(B) (1) (A) (II) | TO WRITE SCREENPLAYS AND PRODUCE SHORT FILMS ABOUT SCIENCE AND TECHNOLOGY | 147,891. |
| THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF 1210 AMSTERDAM AVENUE NEW YORK, NY 10027 | NONE 170(B) (1) (A) (II) | FOR A PILOT PRODUCTION GRANT TO ENCOURAGE THE NEXT GENERATION OF FILMMAKERS TO INCORPORATE SCIENCE AND TECHNOLOGY THEMES INTO STORYTELLING FOR THE WORLD WIDE WEB | 75,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| CONNECTICUT PUBLIC BROADCASTING INC 1049 ASYLUM AVENUE HARTFORD, CT 06105-2411 | NONE 501 C 3 PUBLIC CHARITY | FOR PRODUCTION, BROADCAST, AND OUTREACH FOR A TWO-PART PUBLIC TELEVISION SERIES ABOUT WHAT IMPACT THE SCIENCE BEHIND BRAIN SCANS COULD OR SHOULD HAVE ON THE CRIMINAL JUSTICE SYSTEM | 596,390. |
| COOLIDGE CORNER THEATRE FOUNDATION INC 290 HARVARD STREET BROOKLINE, MA 02446 | NONE 170(B) (1) (A) (VI) | TO SUPPORT COOLIDGE CORNER THEATRE'S SCIENCE ON SCREEN SERIES AND EXPAND IT WITH SMALL GRANTS TO 40 THEATERS NATIONWIDE | 231,713. |
| COUNCIL OF GRADUATE SCHOOLS ONE DUPONT CIRCLE, NW, SUITE 230 WASHINGTON, DC 20036-1173 | NONE 170(B) (1) (A) (VI) | TO CONTINUE AND COMPLETE THE WORK OF THE COUNCIL OF GRADUATE SCHOOLS TO INSTITUTIONALIZE AND PROMOTE THE PROFESSIONAL SCIENCE MASTER'S (PSM) AS A REGULAR FEATURE OF GRADUATE EDUCATION | 192,635. |
| COUNCIL ON FOREIGN RELATIONS, INC. 58 EAST 68TH STREET NEW YORK, NY 10065 | NONE 170(B) (1) (A) (VI) | TO CONDUCT A PROGRAM OF RESEARCH AND PUBLICATION ON ENERGY SECURITY, ESPECIALLY RELATED TO OIL | 450,327. |
| EAST CAROLINA UNIVERSITY FOUNDATION INC 2200 SOUTH CHALRES BLVD GREENVILLE, NC 27858 | NONE 501 C 3 PUBLIC CHARITY | TO DEVELOP THE DEEP CARBON OBSERVATORY'S DEEP LIFE DIRECTORATE | 699,989. |
| ENSEMBLE STUDIO THEATRE, INC. 549 WEST 52ND STREET NEW YORK, NY 10019 | NONE 170(B) (1) (A) (VI) | TO COMMISSION, DEVELOP, PRODUCE AND DISSEMINATE NEW SCIENCE PLAYS IN NEW YORK AND ACROSS THE COUNTRY | 567,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| FAMILIES AND WORK INSTITUTE, INC. 267 FIFTH AVENUE - 2ND FLOOR NEW YORK, NY 10016 | NONE 170(B) (1) (A) (VI) | TO SUPPORT DEVELOPMENT OF FLEXIBILITY ONLINE TO ADVANCE ADOPTION OF A FLEXIBLE WORK PROGRAM | 734,141. |
| FILM INDEPENDENT, INC. 9911 W. PICO BOULEVARD, 11TH FLOOR LOS ANGELES, CA 90035 | NONE 509 (A) (2) | TO DEVELOP SCIENCE SCRIPTS AND SUPPORT PRODUCING TEAMS DEVELOPING SLOAN-WORTHY FEATURE FILMS | 220,000. |
| FOUNDATION CENTER 79 FIFTH AVENUE NEW YORK, NY 10003 | NONE 170(B) (1) (A) (VI) | TO SUPPORT WORK ON BEHALF OF THE NONPROFIT AND CHARITABLE COMMUNITY | 130,000. |
| FUND FOR PUBLIC HEALTH IN NEW YORK, INC. 22 CORTLANDT STREET, SUITE 1103 NEW YORK, NY 10007-3160 | NONE 501 C 3 PUBLIC CHARITY | TO IMPROVE NYC'S DEPARTMENT OF HEALTH AND MENTAL HYGIENE'S SYNDROMIC SURVEILLANCE SYSTEMS | 457,814. |
| FUND FOR THE CITY OF NEW YORK, INC. 121 AVENUE OF THE AMERICAS NEW YORK, NY 10013 | NONE 170(B) (1) (A) (VI) | SUPPORT FOR SLOAN AWARDS FOR EXCELLENCE IN TEACHING SCIENCE AND MATHEMATICS IN NEW YORK CITY PUBLIC HIGH SCHOOLS | 403,750. |
| FUND FOR THE CITY OF NEW YORK, INC. 121 AVENUE OF THE AMERICAS NEW YORK, NY 10013 | NONE 170(B) (1) (A) (VI) | TO PROVIDE PARTIAL SUPPORT FOR THE SLOAN PUBLIC SERVICE AWARDS PROGRAM | 500,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| GEORGE MASON UNIVERSITY 4400 UNIVERSITY DRIVE FAIRFAX, VA 22030 | NONE 170(B) (1) (A) (II) | TO PIONEER NEW METHODS FOR CAPTURING AND HIGHLIGHTING ONLINE SCHOLARLY MATERIALS IN WAYS THAT ARE USEFUL TO RESEARCH COMMUNITIES | 246,028. |
| RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW 365 FIFTH AVENUE NEW YORK, NY 10016-4309 | NONE 170(B) (1) (A) (II) | ASSESS EFFECTIVENESS AND IMPACT OF SLOAN ANYTIME/ANYPLACE EDUCATION PROGRAM | 50,000. |
| GREATER WASHINGTON EDUCATIONAL TELECOMMUNICATIONS 2775 SOUTH QUINCY STREET ARLINGTON, VA 22206 | NONE 170(B) (1) (A) (VI) | FOR HIGH QUALITY ON-AIR AND ONLINE COVERAGE ON PBS'S NEWS HOUR TO ENHANCE ECONOMIC AND FINANCIAL LITERACY | 750,000. |
| HAMPTONS INTERNATIONAL FILM FESTIVAL 3 NEWTOWN MEWS EAST HAMPTON, NY 11937 | NONE 170(B) (1) (A) (VI) | TO COMMISSION AND SPOTLIGHT SCIENCE AND TECHNOLOGY FILMS AND TO DEVELOP SCIENCE AND TECHNOLOGY SCREENPLAYS | 153,763. |
| PRESIDENT AND FELLOWS OF HARVARD COLLEGE 399 HARVARD STREET CAMBRIDGE, MA 02138 | NONE 170(B) (1) (A) (II) | FOR AN INTENSE TWO-YEAR PROCESS OF WORKSHOPS, MEETINGS, PLENARIES, RESEARCH, PILOT DIGITIZATION, PROTOTYPE DEVELOPMENT, AND COMMUNITY BUILDING THAT WILL RESULT IN THE LAUNCH OF THE DIGITAL PUBLIC LIBRARY OF AMERICA | 1,184,278. |
| HASTINGS CENTER INC 21 MALCOLM GORDON ROAD GARRISON, NY 10524 | NONE 170(B) (1) (A) (VI) | TO PROVIDE RENEWED SUPPORT TO INVESTIGATE ETHICAL ISSUES IN SYNTHETIC BIOLOGY RT TO INVESTIGATE ETHICAL | 250,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| INDIANA UNIVERSITY 107 SOUTH INDIANA AVE BLOOMINGTON, IN 47405 | NONE 509 (A) (2) | TO DESIGN A PROTOTYPE SYSTEM THAT DEMONSTRATES NON-CONSUMPTIVE, COMPUTATIONAL ACCESS TO A RESTRICTED FULL-TEXT CORPUS | 376,807. |
| INSTITUTE OF INTERNATIONAL EDUCATION INC 809 UNITED NATIONS PLAZA NEW YORK, NY 10017 | NONE 501 C 3 PUBLIC CHARITY | TO PROVIDE LIFE-SAVING FELLOWSHIPS AND ACADEMIC PLACEMENTS FOR PERSECUTED SCHOLARS SO THEY CAN CONTINUE THEIR WORK BEFORE RETURNING TO THEIR NATIVE COUNTRIES WHEN IT IS SAFE TO DO SO | 500,000. |
| IODP MANAGEMENT INTERNATIONAL, INC. 1001 CONNECTICUT AVENUE, NW, SUITE 504 WASHINGTON, DC 20036 | NONE 170(B) (1) (A) (VI) | TO DEVELOP THE ROADMAP, MANAGEMENT, AND SUPPORT FOR A BOREHOLE INTO EARTH'S MANTLE | 100,000. |
| LYRASIS 3000 MARKET STREET, SUITE 200 PHILADELPHIA, PA 19104-2801 | NONE 509 (A) (2) | FOR CONTINUED DIGITIZATION OF MEMBER COLLECTIONS AND DEVELOPMENT OF A SELF-SUSTAINING REGIONAL SCANNING CENTER | 250,000. |
| MANHATTAN THEATRE CLUB 311 WEST 43RD STREET, 8TH FLOOR NEW YORK, NY 10036 | NONE 509 (A) (2) | TO COMMISSION NINE SCIENCE AND TECHNOLOGY PLAYS OVER THREE YEARS AND TO SUPPORT READINGS, WORKSHOPS AND STAGE PRODUCTIONS OF SCIENCE AND TECHNOLOGY PLAYS | 200,000. |
| MARINE BIOLOGICAL LABORATORY MBL STREET WOODS HOLE, MA 02543 | NONE 170(B) (1) (A) (VI) | TO PROVIDE TOOLS AND A DATA ARCHIVE FOR ANALYZING SEQUENCE DATA OF MICROBIAL COMMUNITIES IN THE INDOOR ENVIRONMENT VIDE TOOLS AND A DATA ARCHIVE FOR ANALYZING | 157,466. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| UNIVERSITY OF MARYLAND, COLLEGE PARK 7950 BALTIMORE AVE COLLEGE PARK, MD 20742 | NONE 170 (B) (1) (A) (III) | TO COMPILE, STUDY, AND OPENLY DISTRIBUTE A NATIONALLY STANDARDIZED DATABASE OF GOVERNMENT HEALTH INSPECTORS' RESTAURANT RATINGS | 165,272. |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02139 | NONE 170(B) (1) (A) (II) | TO CREATE A NEW EXECUTIVE-LEVEL COURSE DESIGNED TO PROMOTE THE SAFE AND RESPONSIBLE USE OF NUCLEAR POWER WORLDWIDE | 165,000. |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02139 | NONE 170(B) (1) (A) (II) | TO ASSESS WHETHER AND TO WHAT EXTENT THE LOSS OF DOMESTIC MANUFACTURING DUE TO TRADE WITH CHINA AFFECTS THE PRODUCTIVITY OF OTHER U.S. FIRMS IN THE SAME GEOGRAPHICAL AREA | 127,322. |
| MICHIGAN STATE UNIVERSITY 840 SERVICE ROAD EAST LANSING, MI 48824 | NONE 170(B) (1) (A) (II) | TO FILL A GAP IN RESEARCH BY INVESTIGATING HOW THE "EMPLOYMENT ENVIRONMENT" PROMOTES OR IMPEDES THE ABILITY OF INDIVIDUALS TO REMAIN AT WORK PAST TRADITIONAL AGES OF RETIREMENT | 212,586. |
| THE REGENTS OF THE UNIVERSITY OF MICHIGAN 503 THOMPSON STREET ANN ARBOR, MI 48109-1274 | NONE 170(B) (1) (A) (II) | TO CREATE AND ANALYZE DATASETS THAT COMBINE THE HEALTH AND RETIREMENT STUDY (HRS) WITH DATA FROM THE CENSUS BUREAU FROM THE FIRMS WHERE HRS RESPONDENTS HAVE WORKED | 3,399,874. |
| THE REGENTS OF THE UNIVERSITY OF MICHIGAN 503 THOMPSON STREET ANN ARBOR, MI 48109-1274 | NONE 170(B) (1) (A) (II) | TO MODEL HOW U.S. LABOR MARKETS FOR SCIENTISTS AND ENGINEERS RESPOND TO IMMIGRATION AND OTHER FACTORS | 201,700. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| THE PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE 38 COLLEGE STREET MIDDLEBURY, VT 05753 | NONE 170(B) (1) (A) (II) | TO ENABLE THE MONTEREY INSTITUTE OF INTERNATIONAL STUDIES EXPAND THE SCIENCE-BASED COURSES OFFERED IN ITS MASTERS DEGREE IN NONPROLIFERATION AND TERRORISM STUDIES | 76,015. |
| THE PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE 38 COLLEGE STREET MIDDLEBURY, VT 05753 | NONE 170(B) (1) (A) (II) | ENABLE THE MONTEREY INSTITUTE OF INTERNATIONAL STUDIES TO PROVIDE NONPROLIFERATION EDUCATION AND TRAINING FOR DIPLOMATS, GOVERNMENT OFFICIALS AND MID-CAREER PROFESSIONALS AT INTERNATIONAL ORGANIZATIONS | 75,969. |
| MUSEUM OF MATHEMATICS 134 WEST 29TH STREET NEW YORK, NY 10001 | NONE 501 C 3 PUBLIC CHARITY | TO EQUIP SCIENCE FESTIVALS WITH PORTABLE, INTERACTIVE, AND HANDS-ON MATHEMATICAL ACTIVITIES | 201,461. |
| NATIONAL ACADEMY OF SCIENCES 2101 CONSTITUTION AVENUE, NW WASHINGTON, DC 20418 | NONE 170(B) (1) (A) (VI) | TO DEVELOP, ANALYZE, AND PROMOTE STANDARDS FOR THE CITATION AND ATTRIBUTION OF DATA SETS BY RESEARCH COMMUNITIES | 81,258. |
| NATIONAL ACADEMY OF SCIENCES 2101 CONSTITUTION AVENUE, NW WASHINGTON, DC 20418 | NONE 170(B) (1) (A) (VI) | TO STUDY THE FEASIBILITY OF AN ONLINE AND OPEN ACCESS MATHEMATICAL HERITAGE LIBRARY | 59,667. |
| NATIONAL ACADEMY OF SCIENCES 2101 CONSTITUTION AVENUE, NW WASHINGTON, DC 20418 | NONE 170(B) (1) (A) (VI) | TO STUDY GLOBAL COMPETITION FOR TALENT BY COMPARING THE HIGH-SKILLED IMMIGRATION POLICIES OF INDUSTRIALIZED NATIONS | 300,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEER 440 HAMILTON AVENUE, SUITE 302 WHITE PLAINS, NY 10601-1813 | NONE 170(B) (1) (A) (VI) | TO FUND NEW OBLIGATIONS IN THE MINORITY PH.D. PROGRAM AND THE AMERICAN INDIAN GRADUATE PROGRAM FROM JULY 1, 2008 THROUGH JUNE 30, 2009 | 340,019. |
| NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEER 440 HAMILTON AVENUE, SUITE 302 WHITE PLAINS, NY 10601-1813 | NONE 170(B) (1) (A) (VI) | TO FUND NEW OBLIGATIONS IN THE MINORITY PH.D. PROGRAM AND THE SLOAN INDIGENOUS GRADUATE PROGRAM FROM JULY 1, 2009, THROUGH JUNE 30, 2010 | 187,325. |
| NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEER 440 HAMILTON AVENUE, SUITE 302 WHITE PLAINS, NY 10601-1813 | NONE 170(B) (1) (A) (VI) | TO FUND NEW OBLIGATIONS INCURRED IN THE SLOAN MINORITY PH.D. PROGRAM AND THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP PROGRAM FROM JULY 1, 2010 THROUGH JULY 1, 2012 | 1,445,463. |
| NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEER 440 HAMILTON AVENUE, SUITE 302 WHITE PLAINS, NY 10601-1813 | NONE 170(B) (1) (A) (VI) | TO FUND NEW OBLIGATIONS IN THE MINORITY PH.D. PROGRAM AND THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP PROGRAM FROM JULY 1, 2011 TO JULY 1, 2012 | 2,469,300. |
| NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEER 440 HAMILTON AVENUE, SUITE 302 WHITE PLAINS, NY 10601-1813 | NONE 170(B) (1) (A) (VI) | TO ENABLE THE NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEERING TO CONTINUE ADMINISTERING THE SLOAN MINORITY PH.D. PROGRAM AND SLOAN INDIGENOUS GRADUATE PARTNERSHIP PROGRAM FOR AN ADDITIONAL THREE YEARS | 362,351. |
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170(B) (1) (A) (VI) | TO SUPPORT THE SCIENCE AND ENGINEERING WORKFORCE AND POLICY CENTER | 540,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170(B) (1) (A) (VI) | TO SUPPORT SUMMER INSTITUTES RUN BY THE NATIONAL BUREAU OF ECONOMIC RESEARCH | 258,520. |
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170(B) (1) (A) (VI) | TO INITIATE AND ORGANIZE RESEARCH ON THE ECONOMICS OF DIGITAL INFORMATION | 418,721. |
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170(B) (1) (A) (VI) | TO ADVANCE UNDERSTANDING OF HOUSEHOLD FINANCIAL BEHAVIOR AND POLICY | 242,955. |
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170(B) (1) (A) (VI) | TO SUPPORT FELLOWSHIPS FOR PH.D. STUDENTS WORKING ON THE ECONOMICS OF WORKING LONGER | 939,550. |
| NATIONAL BUREAU OF ECONOMIC RESEARCH, INC. 1050 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138-5398 | NONE 170(B) (1) (A) (VI) | TO INVESTIGATE THE STRUCTURE AND PERFORMANCE OF LABOR MARKETS IN THE AFTERMATH OF THE GREAT RECESSION | 154,014. |
| NATIONAL GEOGRAPHIC SOCIETY TAX DEPARTMENT 1145 17TH STREET, NW WASHINGTON, DC 20036-4688 | NONE 509 (A) (2) | TO COMPLETE PRODUCTION OF A FEATURE FILM AND AN IMAX FILM ABOUT THE EVOLUTIONARY HISTORY OF THE UNIVERSE, WITH MAJOR EDUCATIONAL OUTREACH | 1,000,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| THE NEW SCHOOL FOR SOCIAL RESEARCH 66 WEST 12TH STREET NEW YORK, NY 10011 | NONE 170(B) (1) (A) (II) | TO GENERATE AND DISSEMINATE INFORMATION FOR PARENTS ABOUT NEW YORK CITY SCHOOLS | 150,000. |
| NEW YORK BOTANICAL GARDEN 2900 SOUTHERN BOULEVARD BRONX, NY 10458-5126 | NONE 170(B) (1) (A) (VI) | TO FOSTER APPLICATIONS OF DNA BARCODING FOR CONSERVING BIODIVERSITY, REDUCING CONSUMER FRAUD, AND PROTECTING HUMAN HEALTH | 200,000. |
| NEW YORK UNIVERSITY 70 WASHINGTON SQUARE NORTH NEW YORK, NY 10012-1019 | NONE 170(B) (1) (A) (II) | TO ESTABLISH A CENTER FOR MATHEMATICAL TALENT TO WORK WITH STUDENTS FROM NYC SCHOOLS | 245,926. |
| NEW YORK UNIVERSITY 70 WASHINGTON SQUARE NORTH NEW YORK, NY 10012-1019 | NONE 170(B) (1) (A) (II) | TO RANK GLOBAL FINANCIAL FIRMS ACCORDING TO THE SYSTEMIC RISK THEY POSE FOR THE WORLD ECONOMY | 151,510. |
| NEW YORK UNIVERSITY 70 WASHINGTON SQUARE NORTH NEW YORK, NY 10012-1019 | NONE 170(B) (1) (A) (II) | FOR AN ANNUAL FEATURE FILM PRODUCTION GRANT OVER THREE YEARS TO ENABLE FILM STUDENTS TO SHOOT A FIRST FEATURE FILM ABOUT SCIENCE AND TECHNOLOGY | 316,267. |
| NORTH CAROLINA STATE UNIVERSITY 2200 HILLSBOROUGH RALEIGH, NC 27695 | NONE 170(B) (1) (A) (II) | TO EXPAND AND MAKE SUSTAINABLE OVER THE LONG TERM THE UNIVERSITY OF NORTH CAROLINA SYSTEM-WIDE PROFESSIONAL SCIENCE MASTER'S INITIATIVE | 20,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|---------------|
| OHIO STATE UNIVERSITY 1960 KENNY ROAD COLUMBUS, OH 43210 | NONE 170(B) (1) (A) (VI) | TO INITIATE THE DEEP ENERGY DIRECTORATE OF THE DEEP CARBON OBSERVATORY WITH STUDIES DIFFERENTIATING A BIOGENIC FROM BIOGENIC SOURCES OF HYDROCARBONS | 500,000. |
| UNIVERSITY OF OREGON 677 EAST 12TH AVE, SUITE 400 EUGENE, OR 97403-1226 | NONE 170(B) (1) (A) (II) | TO FUND THE CENTER FOR MICROBIAL ECOLOGY OF INDOOR ENVIRONMENTS | 800,000. |
| TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 3451 WALNUT STREET PHILADELPHIA, PA 19104-6205 | NONE 170(B) (1) (A) (II) | TO SUPPORT A FINAL GRANT TO THE SLOAN WORK & FAMILY RESEARCH NETWORK TO ENSURE ITS LONG TERM SUSTAINABILITY | 319,873. |
| PURDUE UNIVERSITY 610 PURDUE MALL WEST LAFAYETTE, IN 47907 | NONE 170(B) (1) (A) (II) | TO FUND THE RECRUITMENT AND RETENTION PORTION OF THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP PROGRAM AT PURDUE UNIVERSITY FOR AN ADDITIONAL THREE YEARS | 104,227. |
| RAND CORPORATION 1700 MAIN STREET, P.O. BOX 2138 SANTA MONICA, CA 90407-2137 | NONE 170(B) (1) (A) (VI) | SANTA MONICA, CA 90407-2137 TO UNDERSTAND THE ROLE OF EMPLOYERS IN FACILITATING OR IMPEDING CONTINUED EMPLOYMENT OF OLDER WORKERS FOLLOWING ONSET OF A WORK-LIMITING DISABILITY | 384,206. |
| THE SCIENCE FESTIVAL FOUNDATION 230 WEST 41 STREET, SUITE 1600 NEW YORK, NY 10036 | NONE 170(B) (1) (A) (VI) | TO SUPPORT PROGRAMMING AND DISSEMINATION OF THE WORLD SCIENCE FESTIVAL FOR TWO YEARS | 650,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|--|---------------|
| SCIENCE FRIDAY INITIATIVE INC 140 GROVE STREET, SUITE 3I STAMFORD, CT 06901 | NONE 170(B) (1) (A) (VI) | TO SUPPORT SCIENCE FRIDAY AND ITS SCIENCE-AND-ARTS STRAND ON AIR, ONLINE, AND ON-DEMAND | 210,000. |
| THE SLOAN CONSORTIUM, INC. P.O. BOX 1238 NEWBURYPORT, MA 01950 | NONE 170(B) (1) (A) (VI) | FOR SUPPORT TO TRANSITION SLOAN-C INTO A SELF-SUSTAINING SOCIETY FOR ONLINE EDUCATION | 1,100,000. |
| SMITHSONIAN INSTITUTION 1000 JEFFERSON DR SOUTHWEST WASHINGTON, DC 20013-7012 | NONE 170(B) (1) (A) (II) | AS A FINAL GRANT TO OPERATE THE CONSORTIUM FOR THE BARCODE OF LIFE (COBL) TO ADVANCE RAPID, INEXPENSIVE IDENTIFICATION OF SPECIES OF ANIMALS, PLANTS, AND FUNGI USING MINIMAL DNA SEQUENCES | 218,000. |
| S H R M FOUNDATION 1800 DUKE STREET ALEXANDRIA, VA 22314-3499 | NONE 501 C 3 PUBLIC CHARITY | TO SUPPORT CREATION OF NEW CONTENT AND EXPANDED, ACCELERATED OUTREACH TARGETED TO HR PROFESSIONALS, EMPLOYERS, AND EMPLOYEES TO ADVANCE WORKPLACE FLEXIBILITY | 300,000. |
| BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UN 369 NORTH-SOUTH AXIS STANFORD, CA 94305 | NONE 170(B) (1) (A) (II) | TO SUPPORT RESEARCH AND ANALYSIS OF THE ECONOMICS OF SERIES VERSUS PARALLEL RETIREMENT INCOME STRATEGIES | 115,860. |
| BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UN 369 NORTH-SOUTH AXIS STANFORD, CA 94305 | NONE 170(B) (1) (A) (II) | TO DEVELOP PRACTICAL TECHNIQUES FOR ALLOWING RESEARCHERS TO EXTRACT AGGREGATE STATISTICS FROM LARGE DATASETS WHILE PROTECTING THE PRIVACY OF INFORMATION CONTAINED IN INDIVIDUAL ENTRIES | 526,544. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| SUNDANCE INSTITUTE 8530 WILSHIRE BOULEVARD, 3RD FLOOR BEVERLY HILLS, CA 90211 | NONE 170(B) (1) (A) (VI) | TO SUPPORT A PROGRAM OF SCIENCE AND TECHNOLOGY FILMS, FILM PANELS, AND FILM FELLOWSHIPS AT SUNDANCE | 250,000. |
| SWARTHMORE COLLEGE 500 COLLEGE AVENUE SWARTHMORE, PA 19081 | NONE 170(B) (1) (A) (II) | TO LAUNCH A MULTI-CAMPUS PROJECT TO IMPROVE UNDERSTANDING OF UNDERGRADUATE STUDENT MIGRATION INTO AND OUT OF SCIENCE, ENGINEERING, AND MATHEMATICS DISCIPLINES | 66,107. |
| TEXAS AGRILIFE RESEARCH 2147 TAMU COLLEGE STATION, TX 77843-2147 | NONE 170 (B) (1) (A) (I) | TO EXPAND AND INSTITUTIONALIZE AN EXCELLENT SUPPORT PROGRAM FOR GRADUATE STUDENTS IN THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES AND THE COLLEGE OF ENGINEERING, PRIMARILY THOSE FROM UNDERREPRESENTED POPULATIONS | 63,587. |
| UNIVERSITY OF TEXAS, AUSTIN 1 INNER CAMPUS DRIVE AUSTIN, TX 78712 | NONE 170(B) (1) (A) (II) | TO DETERMINE THE CAPABILITY OF U.S. SHALE GAS TO CONTRIBUTE SIGNIFICANTLY TO NATURAL GAS SUPPLY OVER THE NEXT TWENTY YEARS, GIVEN VARIOUS ASSUMPTIONS ABOUT NATURAL GAS PRICES | 726,502. |
| THURGOOD MARSHALL COLLEGE FUND 80 MAIDEN LANE, SUITE 2204 NEW YORK, NY 10038 | NONE 170(B) (1) (A) (VI) | TO INCLUDE THURGOOD MARSHALL COLLEGE FUND CAMPUSES IN THE STEM MIGRATION PROJECT LED BY SWARTHMORE COLLEGE | 157,808. |
| TRIBECA FILM INSTITUTE INC 75 SPRING STREET NEW YORK, NY 10012 | NONE 170(B) (1) (A) (VI) | TO DEVELOP NEW SCIENCE AND TECHNOLOGY FILMS FOR PRODUCTION AND TO SHOWCASE SCIENCE AND TECHNOLOGY FILMS AND HOLD PANELS AND READINGS AT TRIBECA | 378,995. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| W E UPJOHN UNEMPLOYMENT TRUSTEE CORPORATION 300 SOUTH WESTNEDGE AVENUE KALAMAZOO, MI 49007 | NONE 170(B) (1) (A) (VI) | TO STUDY WAYS OF IMPROVING ECONOMIC MEASUREMENTS, STATISTICS, AND INDICATORS RELATED TO GLOBALIZATION | 323,910. |
| UNIVERSITY OF WASHINGTON 1410 NORTHEAST CAMPUS PARKWAY SEATTLE, WA 98195 | NONE 170(B) (1) (A) (II) | TO ASSESS IMPROVEMENTS RESULTING FROM AND ANALYZING DATA COLLECTED BY THE PROJECT TO ACCESS CLIMATE IN ENGINEERING (PACE) | 453,945. |
| WELLESLEY COLLEGE 106 CENTRAL STREET WELLESLEY, MA 02181 | NONE 170(B) (1) (A) (II) | TO EXAMINE HOW FIRMS SHAPE THE IMMIGRATION OF SCIENTISTS, ENGINEERS, AND OTHER HIGHLY SKILLED WORKERS TO THE UNITED STATES | 222,041. |
| WGBH EDUCATIONAL FOUNDATION ONE GUEST STREET BOSTON, MA 02135 | NONE 170(B) (1) (A) (VI) | TO PRODUCE 12 SCIENTIST PROFILES FOR PRIME TIME BROADCAST ON NOVA SCIENCE NOW, TO PRODUCE AND PROMOTE 32 ADDITIONAL SCIENTIST PROFILES FOR THE AWARD-WINNING "THE SECRET LIFE OF SCIENTISTS AND ENGINEERS" WEBSITE, AND TO INCREASE THE WEBSITE'S AUDIENCE | 800,000. |
| WGBH EDUCATIONAL FOUNDATION ONE GUEST STREET BOSTON, MA 02135 | NONE 170(B) (1) (A) (VI) | TO RESEARCH AND PRODUCE FOUR HOURS OF DOCUMENTARIES ON THE ROLE OF SCIENCE AND TECHNOLOGY IN HISTORY FOR THE AMERICAN EXPERIENCE WITH ANCILLARY OUTREACH INCLUDING TWO INTERACTIVE GAMES AND MARKETING CAMPAIGN | 1,500,000. |
| WIKIMEDIA FOUNDATION, INC. 149 NEW MONTGOMERY STREET, 3RD FLOOR SAN FRANCISCO, CA 94105 | NONE 170(B) (1) (A) (VI) | TO HELP WIKIPEDIA DEVELOP AND SUSTAIN ITS EDUCATIONAL MISSION WHILE CONSTANTLY IMPROVING QUALITY, DIVERSITY, AND ACCESS TO KNOWLEDGE FOR PEOPLE EVERYWHERE | 2,000,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|---|---------------|
| WNYC PUBLIC RADIO 160 VARICK STREET NEW YORK, NY 10013 | NONE 170(B) (1) (A) (VI) | FOR PRODUCTION AND ENHANCED DISTRIBUTION OF RADIO LAB, AN INNOVATIVE, POPULAR, SCIENCE-THEMED SHOW ON PUBLIC RADIO | 262,385. |
| WNYC PUBLIC RADIO 160 VARICK STREET NEW YORK, NY 10013 | NONE 170(B) (1) (A) (VI) | TO MAKE SCIENCE AND TECHNOLOGY A REGULAR, INTEGRAL FEATURE ON STUDIO 360 | 250,000. |
| WOODROW WILSON INTERNATIONAL CENTER FOR SCHOLARS 1300 PENNSYLVANIA AVENUE, N.W. WASHINGTON, DC 20004-3027 | NONE 170(B) (1) (A) (VI) | WASHINGTON, DC 20004-3027 TO ENABLE CRISIS COMMONS TO SUPPORT THE CRISIS CAMP COMMUNITY AND ADVANCE INNOVATION FOR CRISIS MANAGEMENT USING SOCIAL MEDIA AND NEW TECHNOLOGIES | 500,000. |
| WOODROW WILSON INTERNATIONAL CENTER FOR SCHOLARS 1300 PENNSYLVANIA AVENUE, N.W. WASHINGTON, DC 20004-3027 | NONE 170(B) (1) (A) (VI) | TO CONTINUE WORK TO IDENTIFY AND ADDRESS RISKS ASSOCIATED WITH SYNTHETIC BIOLOGY | 1,244,850. |
| YALE UNIVERSITY 38 HILLHOUSE AVE NEW HAVEN, CT 06520 | NONE 170(B) (1) (A) (II) | TO PROVIDE RENEWED SUPPORT TO EXAMINE THE SOURCES AND CHARACTER OF AIRBORNE BACTERIAL AND FUNGAL PARTICLES IN THE INDOOR ENVIRONMENT | 64,854. |
| YALE UNIVERSITY 38 HILLHOUSE AVE NEW HAVEN, CT 06520 | NONE 170(B) (1) (A) (II) | TO CONSTRUCT AND TEST BEHAVIORAL MODELS OF HOW BANKRUPTCY AND MORTGAGE DEFAULT REGULATIONS IMPACT HOUSEHOLD FINANCIAL DECISIONS | 59,337. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| AMERICAN CHEMICAL SOCIETY 1155 SIXTEENTH STREET, NW WASHINGTON, DC 20036 | NONE 509 (A) (2) | TO FUND A SURVEY OF GRADUATE STUDENT LIFE AND CAREER PROSPECTS IN THE CHEMICAL SCIENCES | 12,500. |
| AMERICAN PHYSICAL SOCIETY 1 PHYSICS ELLIPSE COLLEGE PARK, MD 20740 | NONE 509 (A) (2) | TO FUND THE EDWARD A. BOUCHET LECTURESHIP AWARD FOR THREE YEARS WHILE THE AMERICAN PHYSICAL SOCIETY RAISES ENDOWMENT FUNDING FOR IT | 12,000. |
| LIBRARY OF CONGRESS 101 INDEPENDENCE AVENUE, SE WASHINGTON, DC 20540 | NONE 170 (C) (1) | TO SUPPORT A TWO-DAY MEETING TO IDENTIFY GRAY LITERATURE PRESERVATION PRIORITIES IN THE SCIENCES | 38,750. |
| MONTANA TECH OF THE UNIVERSITY OF MONTANA 1300 WEST PARK STREET BUTTE, MT 59701-8997 | NONE 170(B) (1) (A) (II) | TO FUND FOR AN ADDITIONAL THREE YEARS THE RECRUITMENT AND RETENTION PORTION OF THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP AT MONTANA TECH | 24,065. |
| UNIVERSITY OF MONTANA MISSOULA, MT 59812 MISSOULA, MT 59812 | NONE 170(B) (1) (A) (IV) | TO FUND AN ADDITIONAL THREE YEARS OF THE NON-SCHOLARSHIP COMPONENT OF THE SLOAN INDIGENOUS GRADUATE PARTNERSHIP AT THE UNIVERSITY OF MONTANA | 48,500. |
| NEW YORK COUNTY DISTRICT ATTORNEY 163 WEST 125 ST NEW YORK, NY 10027 | NONE TAX EXEMPT GOV ENTITY | TO SUPPORT A PILOT STUDY TO EXAMINE DIGITAL COURT DOCUMENTS TO DETECT AND MEASURE THE PREVALENCE OF PERJURY AND DEVELOP OPTIONS TO MITIGATE IT | 60,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|--|---|---|---------------|
| THE NORTH CAROLINA A & T UNIVERSITY FOUNDATION INC 200 N BENBOW ROAD GREENSBORO, NC 27401-0000 | NONE 501 C 3 PUBLIC CHARITY | TO ENABLE GRADUATE STUDENTS IN NORTH CAROLINA A&T'S INDUSTRIAL AND SYSTEMS ENGINEERING DEPARTMENT WHO HAVE COME FROM HBCUS TO HAVE A SUMMER RESEARCH EXPERIENCE AT A MAJORITY UNIVERSITY OR GOVERNMENT LABORATORY | 25,000. |
| TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 3451 WALNUT STREET PHILADELPHIA, PA 19104-6205 | NONE 170(B) (1) (A) (II) | TO SUPPLEMENT GRADUATE STUDENTS AND FOREIGN ACADEMICS TRAVELING TO THE SLOAN WORK AND FAMILY NETWORK CONFERENCE IN JUNE | 15,000. |
| ST. OLAF COLLEGE 1520 SAINT OLAF AVE NORTHFIELD, MN 55057-1574 | NONE 501 C 3 PUBLIC CHARITY | TO DEVELOP A NEW COMMUNITY OF PRACTICE ON UNDERGRADUATE LEARNING SPACES | 19,500. |
| UNIVERSITY OF D.C. FOUNDATION 4200 CONNECTICUT AVE., NW WASHINGTON, DC 20008 | NONE 170(B) (1) (A) (IV) | FOR THE IMPLEMENTATION OF PROFESSIONAL SCIENCE MASTER'S DEGREE PROGRAMS AT THE HBCU MID-ATLANTIC PSM ALLIANCE | 22,250. |
| ARIUS ASSOCIATION TAFEMSTRASSES 11 CH-5405 BADEN SWITZERLAND | NONE FOREIGN NON-501(C) (3) | TO SUPPORT CONTINUED EFFORTS TO LAUNCH REGIONAL REPOSITORY WORKING GROUPS | 75,000. |
| ICPO-INTERPOL 200, QUAI CHARLES DE GUALLE 69006 LYON FRANCE | NONE INT'L GOV'T ENTITY | TO PROVIDE PARTIAL SUPPORT TO DEVELOP INTERPOL'S RADIOLOGICAL AND NUCLEAR TERRORISM PREVENTION PROGRAM | 900,000. |

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 21 (CONT'D)

| <u>RECIPIENT NAME AND ADDRESS</u> | <u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u> | <u>PURPOSE OF GRANT OR CONTRIBUTION</u> | <u>AMOUNT</u> |
|---|---|--|--------------------|
| CHANCELLOR, MASTERS & SCHOLARS OF THE UNIVERSITY O WELLINGTON SQUARE OX12JD EXFORD UNITED KINGDOM | NONE 501 C 3 PUBLIC CHARITY | TO PROMOTE AND ADVANCE INTERNATIONAL COMPARATIVE STUDIES OF HOUSEHOLD FINANCE | 422,910. |
| CHANCELLOR, MASTERS & SCHOLARS OF THE UNIVERSITY O WELLINGTON SQUARE OX1 2JD OXFORD UNITED KINGDOM | NONE 501 C 3 PUBLIC CHARITY | TO MEASURE THE DRIVERS AND DYNAMICS OF HIGH SKILLED IMMIGRATION | 598,673. |
| GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO TORONTO CANADA | NONE FOREIGN 501(C) (3) | TO STUDY THE ECONOMICS OF KNOWLEDGE CONTRIBUTION AND DISTRIBUTION | 691,225. |
| UNIVERSITY OF WARWICK GIBBET HILL ROAD CV48UW COVENTRY UNITED KINGDOM | NONE FOREIGN NON-501(C) (3) | TO DEVELOP MATHEMATICAL FOUNDATIONS AND APPLICATIONS FOR THE CONTROL THEORY OF COMPLEX SYSTEMS | 190,173. |
| UNIVERSITY OF OTTAWA 550 CUMBERLAND STREET ON OTTAWA CANADA | NONE FOREIGN 501(C) (3) | TO PROVIDE RENEWED SUPPORT TO DEVELOP FUNGAL BARCODES AND USE THEM TO EXPLORE THE INDOOR ENVIRONMENT | 299,150. |
| TOTAL CONTRIBUTIONS APPROVED | | | <u>53,810,263.</u> |

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION
OF
ALFRED P. SLOAN FOUNDATION

(A Delaware Non-Profit, Non-Stock Corporation)

ALFRED P. SLOAN FOUNDATION (the "Corporation"), organized and existing pursuant to the General Corporation Law of the State of Delaware ("GCL"), does hereby certify as follows:

I. The name of the corporation is Alfred P. Sloan Foundation. The Corporation was originally incorporated under the name "Sloan Foundation, Inc." The date of filing of the Corporation's original Certificate of Incorporation with the Secretary of State of the State of Delaware is August 2, 1934. A Certificate of Amendment of the Corporation's Certificate of Incorporation changing the Corporation's name from "Sloan Foundation, Inc." to "Alfred P. Sloan Foundation, Inc." was filed with the Secretary of State of the State of Delaware on July 8, 1936. A Certificate of Amendment of the Corporation's Certificate of Incorporation changing the Corporation's name from "Alfred P. Sloan Foundation, Inc." to "Alfred P. Sloan Foundation" was filed with the Secretary of State of the State of Delaware on October 6, 1958. Certificates of Amendment of the Corporation's Certificate of Incorporation were filed with the Secretary of State of the State of Delaware on December 2, 1970 and February 8, 1988.

II. This amended and restated Certificate of Incorporation was duly adopted by the Board of Trustees of the Corporation in accordance with Sections 245 and 242 of the GCL.

III. This amended and restated Certificate of Incorporation restates the Certificate of Incorporation, as amended, to read in its entirety as follows:

FIRST - The name of this corporation is Alfred P. Sloan Foundation.

SECOND - The registered office of the corporation in the State of Delaware is to be located at 2711 Centerville Road, Suite 400, Wilmington, DE 19808 in the County of New Castle, and the name of its registered agent at such address is Corporation Service Company.

THIRD - The nature of the business of the corporation and the objects and purposes proposed to be transacted, promoted or carried on by it are as follows:

1 - To be conducted and operated not for profit but exclusively for religious, charitable, scientific, literary and educational purposes, so that no part of its net earnings shall inure to the private benefit of any individual.

2 - Without limit as to the amount going to any one recipient or, in the aggregate, to all recipients, to make donations, gifts, contributions and loans, financial or otherwise, out of the annual net income and/or assets of the corporation, to or for the use of any of the following: the United States, any State, Territory, or any political subdivision thereof, or the District of Columbia, for exclusively public purposes and as hereinafter limited; any and all churches (without distinction as to denomination), Sunday Schools, missions and religious organizations of every kind and nature; community chests, funds, relief societies, old peoples homes, poorhouses, poorfarms, orphan asylums, eleemosynary institutions generally and charities of every kind and nature; laboratories, foundations, hospitals, expeditions and scientific organizations of every kind and nature; schools, colleges (whether sectarian or not), universities (whether State or not), incorporated boards of education, zoological gardens, art galleries, museums, musical organizations, associations, societies and concerts, opera companies, memorial associations, and educational institutions of every kind and nature; libraries and literary institutions of every kind, and nature, and generally any and all corporations, associations, joint ventures, partnerships, firms, joint stock companies, trusts, syndicates, organizations, institutions, foundations, individuals and projects, provided, however, that any and

all donations, gifts, contributions and loans made pursuant to this paragraph "2" shall be exclusively for religious, charitable, scientific, literary or educational purposes, or for the prevention of cruelty to children or animals; and, provided, further, that any and all donations, gifts, contributions and loans made pursuant to this paragraph "2" shall not inure to the private benefit of any individual. No such donation, gift, contribution or loan shall be made to any organization, a substantial part of the activities of which is carrying on propaganda or otherwise attempting to influence legislation.

3 - To undertake, promote, develop and carry on religious, charitable, scientific, literary and educational projects, plans and objects of every kind, nature and description and in any manner whatsoever; provided that the corporation shall not engage in carrying on propaganda or otherwise attempt to influence legislation, and the corporation shall not participate in or intervene in (including by the publishing or distributing of statements) any political campaign on behalf of or in opposition to any candidate for public office.

4 - To accept by gift, devise, bequest or otherwise, property of every kind and description without limit as to amount.

5 - To purchase, acquire, hold, invest, reinvest, use, mortgage, pledge, sell, assign, transfer or otherwise dispose of the principal and income of funds and property of every kind and description, and, in particular, lands, money, buildings, mortgages, shares, stocks, debentures, securities, concessions, policies, notes, book debts, claims and any interest in any property which may be necessary or convenient for the use and maintenance of the corporation.

6 - To enter into, make, perform and carry out contracts of every kind for any of the purposes herein set forth, without limit as to amount, with any person, firm, association or corporation of any and all States, Districts or Territories in or Colonies of the United States; or in any and all foreign countries, subject always to the laws of such State, District, Territory, Colony

or country; to have one or more offices to carry on all or any of the operations and to exercise any of the powers of this corporation.

7 - To do all and everything necessary, suitable and proper for the accomplishment of any of the purposes or the attainment of any of the objects or the furtherance of any of the powers hereinbefore set forth, either alone or in association with other corporations, firms or individuals, and to do every other act or acts, thing or things incidental or appurtenant to or growing out of or connected with the aforesaid objects or purposes or any part or parts thereof, provided the same be not inconsistent with the laws under which this corporation is organized.

8 - The foregoing clauses shall be construed as both objects and powers, and the foregoing enumeration of specific objects and powers shall not limit or restrict in any manner the objects and powers of this corporation; the objects and powers specified in this Certificate shall, except where expressly limited, be in no wise limited or restricted by inference from the terms in any other clause in any other part of this Certificate, but the objects and powers specified in each of the clauses of this Certificate shall be regarded as independent and separate objects and powers of this corporation.

9 - Notwithstanding any provision of the foregoing clauses, the corporation

(a) shall distribute its income for each taxable year at such time and in such manner as not to become subject to the tax on undistributed income imposed by section 4942 of the Internal Revenue Code of 1986, as amended, or corresponding provisions of any subsequent Federal tax laws;

(b) shall not engage in any act of self-dealing as defined in section 4941(d) of the Internal Revenue Code of 1986, as amended, or corresponding provisions of any subsequent Federal tax laws;

(c) shall not retain any excess business holdings as defined in section 4943(c) of the Internal Revenue Code of 1986, as amended, or corresponding provisions of any subsequent Federal tax laws;

(d) shall not make any investments in such manner as to subject it to tax under section 4944 of the Internal Revenue Code of 1986, as amended, or corresponding provisions of any subsequent Federal tax laws;

(e) shall not make any taxable expenditures as defined in section 4945(d) of the Internal Revenue Code of 1986, as amended, or corresponding provisions of any subsequent Federal tax laws.

FOURTH - The corporation shall have no capital stock.

FIFTH - The conditions governing membership, if any, shall be set forth in the by-laws of the corporation.

SIXTH - The corporation is to have perpetual existence.

SEVENTH - The private property of the members, trustees and officers of the corporation shall not be subject to the payment of corporate debts to any extent whatever.

EIGHTH - In the event of the liquidation, dissolution or winding up of the corporation, whether voluntary, involuntary or by operation of law, except as may be provided by law the trustees of the corporation shall have the power to dispose of the total assets of the corporation in such manner as they, in the exercise of an absolute and uncontrolled discretion may by a majority vote determine; provided, however, that the corporation's property shall not be conveyed or distributed to any director, officer, employee or member of a committee of, or person connected with the corporation, or any other private individual, nor to any organization created or operated for profit; but, after deducting all necessary expenses of liquidation, dissolution or winding up, as the case may be, all the remaining property and assets of the

corporation shall be distributed to such other organizations as shall then qualify under Section 501(c)(3) of the Internal Revenue Code of 1986, as amended, or corresponding provisions of any subsequent Federal tax laws, as the trustees of the corporation shall in their discretion determine.

NINTH - The management of the affairs of the corporation shall be vested in a Board of Trustees. The number of trustees, the manner of their election, their tenure of office, the place, times and conduct of their meetings and their duties and powers shall, except as otherwise provided in this Certificate of Incorporation, be prescribed in the by-laws.

In furtherance and not in limitation of the powers conferred by law, the Board of Trustees is expressly authorized:

1 - To make, alter and amend any by-laws and to alter and repeal any by-laws so made by the Board of Trustees.

2 - To borrow money in the name of the corporation and to authorize and cause to be executed mortgages and liens without limit as to amount, upon real and personal property of the corporation.

3 - To appoint such committee or committees, including an Executive Committee of two or more members, as the Board of Trustees in their discretion shall deem desirable for the furtherance of the objects and purposes of the corporation, and to delegate to such committee or committees such powers as in the discretion of the Board of Trustees are necessary and desirable.

4 - In the exercise of an absolute and uncontrolled discretion, to make any and all donations, gifts, contributions and loans which the corporation may make pursuant to this certificate of incorporation, without responsibility or accountability to the members of this corporation for any such donations, gifts, contributions or loans in any respect whatever; subject, nevertheless, to the provisions of the statutes of Delaware.

5 - In addition to the powers and authorities hereinbefore or by statute expressly conferred upon them, to exercise all such powers and do all such things as may be exercised or done by the corporation subject, nevertheless, to the provisions of the statutes of Delaware, of this Certificate, and to the by-laws of the corporation.

6 - To the fullest extent that the General Corporation Law of the State of Delaware as it exists on the date hereof or as it may hereafter be amended permits the limitation or elimination of the liability of the trustees of the corporation, no such trustee shall be liable to the Corporation or its members for monetary damages for breach of fiduciary duty as such a trustee. No amendment to or repeal of this Article shall apply to or have any effect on the liability or alleged liability of any such trustee for or with respect to any acts or omissions of such trustee occurring prior to such amendment or repeal.

The corporation may by its by-laws confer upon the trustees and officers powers and authorities additional to those expressly conferred upon them by law and by this Certificate.

TENTH - The corporation reserves the right to amend, change or repeal any provision contained in this Certificate in the manner set forth in its by-laws, consistent with the statutes of Delaware.

Date: June _____, 2011

ALFRED P. SLOAN FOUNDATION

By: _____
Name:
Title:

ALFRED P. SLOAN FOUNDATION

BY-LAWS

Adopted June 21, 2011

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ALFRED P. SLOAN FOUNDATION

BY-LAWS

ARTICLE I - MEMBERS

Section 1. Membership

Those individuals who are the members of the Board of Trustees of the Alfred P. Sloan Foundation (the "Corporation") from time to time shall be the members of the Corporation, who shall have all powers and authority reserved to "members" under the Delaware General Corporation Law, as amended from time to time. No separate meetings of the members are required or necessary.

ARTICLE II - TRUSTEES

Section 1. Powers and Duties

The Board of Trustees shall manage and control the affairs and property of the Corporation. All corporate powers, except such as are otherwise provided for in the Certificate of Incorporation, these By-Laws, or the laws of the State of Delaware, shall be and hereby are vested in and shall be exercised by the Board. The Board shall have full power to adopt rules and regulations governing all actions which it takes, except as otherwise provided by the laws of the State of Delaware, and shall have full authority with respect to the distribution and payment of monies received by the Corporation from time to time; provided, however, that the fundamental and basic purposes and powers of the Corporation, and the limitations thereon, as expressed in the Certificate of Incorporation, shall not thereby be amended or changed. The Board may, except as otherwise provided by the laws of the State of Delaware, delegate to committees of its own number, or to officers of the Corporation, such powers as it may see fit.

Section 2. Number; Election; Term of Office

The number of Trustees shall be no fewer than three (3) and no more than seventeen (17). The number of Trustees may be changed by majority vote of the Trustees acting in their capacity as members, provided that no decrease in the number of Trustees may serve to diminish the term of any Trustee then in office. Trustees shall be elected annually by a majority vote of the Trustees acting in their capacity as members. Trustees' terms shall start at the Annual Meeting of their election or, if elected between Annual Meetings, at the Annual Meeting next following their election.

Trustees shall be elected to a term of five years and, in any event, each Trustee will continue in office until his or her successor has been elected and qualified, or until his or her earlier death, resignation, or removal. Each Trustee is subject to renomination and reelection at the end of each five-year term from which he or she may be eligible for reelection. In no event shall a Trustee initially elected after June 11, 1997 and prior to March 24, 2008 hold office for

more than three consecutive five-year terms. The normal retirement date for Trustees elected prior to June 11, 1997 is the Annual Meeting following their 72nd birthday; however, if they are in midterm at age 72, retirement will be extended to the end of their term. Trustees initially elected after March 24, 2008 may hold office for no more than three consecutive terms, or to the Annual Meeting following their 75th birthday, whichever comes sooner.

Section 3. Trustee ex officio

The President, upon his or her election as President, shall be a Trustee ex officio. As such, he or she shall have all the rights and responsibilities afforded to the office of Trustee, except that years served as Trustee ex officio shall be disregarded for the purpose of determining Trustee term limits as described in Section 2 of this Article.

Section 4. Quorum and Board Action

One-third of the total number of Trustees shall constitute a quorum for the transaction of business at any meeting and, except as otherwise provided by law or these By-laws, the act of a majority of the Trustees present at any meeting, at which a quorum is present, shall be the act of the Board of Trustees.

Section 5. Place of Holding Meetings and Keeping Books

The Trustees may hold their meetings and keep the books of the Corporation outside of the State of Delaware, at any office or offices of the Corporation, or at any other place, as they may from time to time determine.

Section 6. Annual Meeting; Notice

Each newly elected Board of Trustees may hold its first meeting for the purpose of organization and the transaction of business, if a quorum be present, immediately after its election, or at such time and place as may be fixed by consent in writing of all the Trustees. Thereafter there shall be an Annual Meeting of the Board of Trustees at such time and place as shall be determined by resolution of the Board.

Section 7. Regular Meetings; Notice

Regular meetings may be held without notice at such times and places as shall be determined from time to time by resolution of the Board.

Section 8. Special Meetings; Notice

The Chair, President or Secretary may, and at the request of a majority of the Board of Trustees shall, call a special meeting of the Board of Trustees, on at least five (5) days' notice to each member of the Board given in person, by telephone, by mail to his or her last known post office address, or by electronic transmission if the Trustee has consented to receipt of electronic notice.

Section 9. Meeting Chair

The Chair of the Board of Trustees shall, if present, preside at all meetings of the Board. In the absence of the Chair of the Board, the President, if present, shall preside. In the absence of both the Chair of the Board and the President, a member of the Board of Trustees selected by a majority of the Trustees present shall preside.

Section 10. Vacancies

Any vacancy in the Board of Trustees, whether arising from death, resignation, removal, an increase in the number of Trustees or any other cause, may be filled either by a majority vote of the remaining Trustees, though less than a quorum, or by the Trustees acting in their capacity as members.

Section 11. Resignation and Removal

Any Trustee may resign at any time by giving written notice of such resignation to the President or Secretary. Any Trustee may be removed without cause by a majority vote of the Trustees then in office.

Section 12. Participation by Telephone

The Corporation expects Trustees to attend meetings in person. However, any one or more members of the Board or of a committee thereof may participate in a meeting of the Board or committee by means of a conference telephone or similar communications equipment allowing all persons participating in the meeting to hear each other at the same time. Participation by such means will constitute presence in person at the meeting.

Section 13. Action Without a Meeting

Any action required or permitted to be taken by the Board or any committee thereof may be taken without a meeting, if all members of the Board or the committee consent in writing or by electronic transmission to the adoption of a resolution authorizing the action. The resolution and the written or electronically transmitted consents by the members of the Board or of such committee will be filed with the minutes of the proceedings of the Board or of such committee.

Section 14. Adjournment

At any meeting of the Board, whether or not a quorum is present, a majority of the Trustees present may adjourn the meeting to another time and place without further notice to any absent Trustees. At any such adjourned meeting at which a quorum is present, any business may be transacted which might have been transacted at the meeting as originally called.

Section 15. Compensation

Trustees may receive a stipend for their services as Trustees, provided that the stipend is reasonable in light of prevailing practices for comparable positions. The amount of the stipend will be determined from time to time by the Board of Trustees or such committee thereof as the Board may determine.

Section 16. Annual Financial Report

- (a) There shall be presented at the Annual Meeting of Trustees a report, verified by the President and the Vice President and Secretary or certified by an independent or certified public accountant firm selected by the Board, showing the following:
 - (1) the assets and liabilities, including any trust funds, of the Corporation as of the end of the previous 12 month fiscal year;
 - (2) the principal changes therein during such fiscal period;
 - (3) the revenues of the Corporation during such fiscal period;
 - (4) expenses and other disbursements of the Corporation during such fiscal period;
- (b) The Annual Financial Report shall be filed with the records of the Corporation.

ARTICLE III - OFFICERS

Section 1. Number and Manner of Election

The officers of the Corporation shall be a Chair of the Board, a President, one or more Vice Presidents, a Treasurer and a Secretary, each to have such duties as are provided for in these By-Laws or as the Board of Trustees may from time to time determine. Any person may hold two or more offices at the same time.

Such officers shall be elected annually at the first meeting of the Board of Trustees following the election of the Board, each to hold office until his or her successor shall have been duly elected and qualified, or until his or her earlier death, resignation or removal. Vacancies in any one or more of such offices may be filled by the Board of Trustees at any time.

The Board of Trustees may appoint such other officers or agents as it may from time to time determine necessary or desirable, each to hold office for such period and to perform such duties as the Board of Trustees may determine.

The Board shall annually conduct a performance assessment of the officers and shall approve any changes in compensation following this assessment.

Section 2. The Chair of the Board

The Chair of the Board shall be elected from among the Trustees. The Chair shall, if present, preside at all meetings of the Board of Trustees, the Executive Committee, and shall perform such other duties as the Board of Trustees may from time to time determine.

Section 3. The President

The President shall be the chief executive officer and shall have general management and control over the business and affairs of the Corporation, subject to the direction of the Board of Trustees. The President serves as a member of the Board of Trustees, ex officio. In the absence of the Chair of the Board, the President, if present, shall preside at the meetings of the Board of Trustees. The President shall have the power to appoint and discharge the employees and agents, other than officers, of the Corporation and fix their compensation, and may make and sign contracts and agreements in the name and on behalf of the Corporation, and, in general, shall perform such other duties as the Board of Trustees may from time to time determine. The President's performance and compensation will be annually reviewed by the Board.

Section 4. Vice Presidents

The Vice Presidents shall perform such duties as the Board of Trustees or the President may from time to time determine. The Vice Presidents may be delegated authority by the President to approve and sign contracts. In the event of absence or disability of the President, a Vice President selected in accordance with procedures established by the Board shall perform the duties and exercise the powers of the President.

Section 5. Treasurer

The Treasurer shall perform all the duties customary to that office, and shall have the care and custody of the funds and securities of the Corporation, and shall have the general supervision of the books of account, and shall give such bonds for the faithful performance of his or her duties as the Board of Trustees may determine.

Section 6. Secretary

The Secretary shall keep the minutes of the Board of Trustees' meetings, and shall have the custody of the seal of the Corporation and affix the same to documents when authorized so to do. The Secretary shall coordinate Board orientation and ongoing Board education. He or she shall perform all of the other duties usual to that office.

Section 7. Resignation and Removal

Any officer may resign at any time by delivering a written resignation to the President or Secretary of the Corporation. The acceptance of any such resignation, unless required by the terms thereof, will not be necessary to make the same effective. Any officer elected or appointed by the Board of Trustees or any member of any committee, may be removed

at any time without cause by the majority vote of the Trustees at a meeting of the Board called for that purpose.

Section 8. Compensation

Officers may receive compensation for their services as such, provided the compensation is reasonable in light of prevailing practices for comparable positions. The amount of the compensation will be determined from time to time by the Board of Trustees or such committee thereof as the Board may determine. Officers' compensation will be annually reviewed by the Board.

ARTICLE IV - COMMITTEES

Section 1. Standing Committees

The standing committees of the Board of Trustees shall be the Executive Committee, Audit Committee, Investment Committee, and such other committees as the Board may designate by resolution adopted by a majority of the entire Board. Each committee shall consist of three (3) or more Trustees, except that the Investment Committee may contain members that are not Trustees, provided that the number of Trustees on the Investment Committee shall always constitute a majority of the Committee's members. Standing committee members shall be appointed by the Chair of the Board.

Standing committees, to the extent provided in the Board resolution authorizing their establishment and not restricted by law, will have and exercise the authority to act on behalf of the Board in the management of the Corporation; provided, however, that no such committee will have power to (i) amend the Corporation's Articles of Incorporation, (ii) adopt an agreement of merger or consolidation, or (iii) amend the Corporation's By-Laws. Notwithstanding the provisions of any charter or rules of procedure, the activities of each committee shall be reflected in minutes maintained by the committee chair or his or her designee.

Section 2. Executive Committee

The Executive Committee shall consist of the Chair of the Board, the President, and such other Trustees as are designated by the Board, except that there shall at all times be at least three (3) Trustees on the Committee. The Committee shall have and may exercise all of the powers and authority of the Board, except those duties delegated to other standing committees or prohibited by law. The Committee shall review and make recommendations to the Board concerning the election of Trustees and matters of Board policies and procedures, including compensation and governance. The Committee shall also perform such tasks as are from time to time assigned to it by the Board. The Committee shall notify the full Board of its actions within a reasonable time thereafter at a Board meeting. The Chair of the Committee shall be the Chair of the Board of Trustees.

Section 3. Audit Committee

The Audit Committee shall consist of at least three (3) Trustees, none of whom may be a paid employee or consultant of the Corporation and each of whom shall have a familiarity with finance and accounting practices. Neither the Chair nor the President may be a member of the Committee, but both may attend any Committee meeting. The Committee shall review the annual audit of the Corporation and recommend to the Board the hiring and termination of the Corporation's outside auditors and the establishment of the terms of the outside auditor's engagement. The Committee shall be responsible for reviewing and commenting on the adequacy of the Corporation's financial disclosure and internal controls. The Committee shall meet at least twice annually and shall present reports to the Executive Committee and the Board on the above matters.

Section 4. Investment Committee

The Investment Committee shall consist of at least three (3) Trustees and may also contain persons who are not Trustees, so long as a majority of the Committee members are Trustees. The Investment Committee shall be responsible for overseeing the investment and reinvestment of the Corporation's assets and setting investment policies and guidelines regarding those assets. The Committee may (a) delegate to committees, officers, employees or agents, including investment advisors, counsel or managers, the authority to act in its place in the investment and reinvestment of assets; (b) contract with investment advisors, counsel or managers to so act; and (c) authorize the payment of compensation for investment advisory, counseling or management services. The Committee shall present periodic reports to the Board regarding the performance of the Corporation's investments. The Investment Committee shall have such other powers and duties as are determined by the Board of Trustees.

Section 5. Advisory Committees

The Board of Trustees may create, and appoint the members of, other committees not having and exercising the authority of the Board as may be deemed desirable to advise management and the Board. Each advisory committee shall exercise such powers and perform such specific duties as may be prescribed by the Board. The designation and appointment of any such committee and delegation thereto of authority will not operate to relieve the Board of Trustees, or any individual Trustee, of any responsibility imposed upon it, him or her by law.

Section 6. Quorum and Committee Action

Unless otherwise provided in the resolution of the Board of Trustees designating a committee, a majority of the entire committee will constitute a quorum. The act of a majority of the committee members present at a meeting at which a quorum is present will be the act of the committee.

Section 7. Replacement

In the absence or disqualification of a member of a committee, the committee member or members thereof present at any meeting and not disqualified from voting, whether or

not constituting a quorum, may unanimously appoint another Trustee to act at the meeting in the place of any such absent or disqualified member.

Section 8. Chair

Except for those committees to which a chair is assigned by these By-Laws, a chair shall be appointed by the Chair of the Board.

Section 9. Rules

Each committee may adopt rules for its own governance not inconsistent with these By-Laws.

ARTICLE V - MISCELLANEOUS PROVISIONS

Section 1. Fiscal Year

The fiscal year of the Corporation shall end on the 31st day of December of each year.

Section 2. Waiver of Notice

Whenever notice is required to be given under any provision of law or of the Certificate of Incorporation or these By-Laws, a written waiver thereof, signed by the person entitled to notice, whether before or after the time stated therein, shall be deemed equivalent to notice. Attendance of a person at a meeting shall constitute a waiver of notice of such meeting, except for the express purpose of objecting, or as otherwise provided by law.

Section 3. Indemnification

Except as otherwise required by law,

- (a) the Corporation shall, to the fullest extent permitted by applicable law as then in effect, indemnify any person who was or is involved in any manner (including, without limitation, as a party or a witness) or who is threatened to be made so involved in any threatened, pending or completed claim, action, suit or proceeding, whether civil, criminal, administrative or investigative (including, without limitation, any action, suit or proceeding by or in the right of the Corporation to procure a judgment in its favor (a “derivative suit”)) by reason of the fact that he or she, his or her testator or intestate, is or was a trustee, officer, committee member, employee or agent of the Corporation, or is or was serving at the request of the Corporation as a director, trustee, officer, committee member, employee or agent of another corporation, partnership, joint venture, trust or other enterprise (including, without limitation, any employee benefit plan) against all expenses (including attorney's fees, judgments, fines and amounts paid in settlement actually and reasonably incurred by him or her in connection with such action, suit or proceeding, subject to the proviso that in the case of a derivative suit any payment made pursuant to a court judgment must be authorized by the

court). Such indemnification shall be a contract right and shall include the right to receive payment in advance of any expense incurred by such person in connection with such action, suit or proceeding, consistent with the provisions of applicable law as then in effect;

- (b) the termination of any action, suit or proceeding by judgment, order, settlement, conviction or upon a plea of nolo contendere or its equivalent shall not, of itself, create a presumption that the person did not act in good faith and in a manner which he reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had reasonable cause to believe that his or her conduct was unlawful:
- (c) any indemnification under subparagraph (a) of this Section shall be made by the Corporation only as authorized in the specific case upon a determination that indemnification of the director, trustee, officer, committee member, employee or agent is proper under the circumstances because he has met the applicable law as then in effect. Such determination shall be made (1) by the Board of Trustees by a majority vote of a quorum consisting of Trustees who were not parties to such action, suit or proceeding, or (2) if such a quorum is not obtainable, by the Board of Trustees in accordance with such determination by independent legal counsel selected by the Board. To the extent that any such person has been successful on the merits or otherwise in defense of any action, suit or proceeding referred to in subparagraph (a) or in defense of any claim, issue or matter therein, he or she shall be indemnified against expenses (including attorneys fees) actually and reasonably incurred by him or her in connection therewith;
- (d) expenses incurred in defending a civil or criminal action, suit or proceeding shall be paid by the Corporation in advance of the final disposition of such action, suit or proceeding, upon receipt of an undertaking by or on behalf of the director, trustee, officer, committee member, employee or agent to repay such amount if shall ultimately be determined that he is not entitled to be indemnified by the Corporation as authorized by this Section;
- (e) the foregoing right of indemnification and the advancement of expenses shall not be deemed exclusive of any rights to which any such director, trustee, officer, committee member, employee or agent may be entitled by contract or otherwise or of any power of the Corporation with respect to other rights, and shall continue as to a person who has ceased to be such a director, trustee, officer, committee member, employee or agent, and shall inure to the benefit of the heirs, executors and administrators of such person. The provisions of this Section shall be separable and if any of its provisions shall be adjudged to be invalid or unenforceable such invalidity or unenforceability shall not affect any other provision thereof; and
- (f) the Corporation shall have power to purchase and maintain insurance on behalf of any person who is or was a director, trustee, officer, committee member, employee or agent of the Corporation, or is or was serving at the request of the

Corporation as a director, trustee, officer, committee member, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against any liability asserted against such person and incurred by such person in any such capacity, or arising out of such person's status as such.

Section 4. Banks

The Board will from time to time and as necessary select such banks or depositories as it will deem proper for the funds of the Corporation. The Treasurer, and any other person authorized by the Board from time to time, may sign checks, drafts or other orders for the payment of money on the Corporation's behalf.

Section 5. Contracts and Other Instruments

Except as otherwise provided by these By-Laws or authorized by the Board, no Trustee, officer, committee member, employee, agent, or other person will have power or authority to bind the Corporation by any contract, agreement, or instrument or to render it liable for any purpose or for any amount. The Board may authorize any officer or officers, in the name of or on behalf of the Corporation, to enter into any contract or to execute and to deliver any instrument, or to sign checks, drafts, endorsements, notes or other evidences of indebtedness of the Corporation, and such authority may be general or confined to specific instances. The withdrawal of funds or securities of the Corporation from banks or trust companies or vaults therein will be made only on the signature or signatures of such one or more of the Trustees, officers, or employees of the Corporation as may be designated from time to time by the Board for such purpose.

Section 6. Loans

The Corporation may not borrow or loan funds or assets and may not issue negotiable paper unless authorized by the vote of the Board. When so authorized by the Board, any officer of the Corporation may effect loans and advances at any time for the Corporation from any bank, trust company or other institution, or from any firm, Corporation, or individual. Such authority may be general or confined to specific instances. No loans other than through the purchase of bonds, debentures or similar obligations of the type customarily sold in public offerings, or through ordinary deposit of funds in a bank, will be made by the Corporation to its Trustees or officers, or to any other corporation, firm, association or other entity in which one or more of its Trustees or officers are trustees or officers or hold a substantial interest, except a loan to an organization described in Section 501(c)(3) of the Internal Revenue Code of 1986, as amended.

Section 7. Grants

Procedures for approving grants, including delegation of authority to approve grants, will be set forth by the Board from time to time.

ARTICLE VI - AMENDMENTS

These By-Laws may be amended at any regular or special meeting of the Board of Trustees, by a majority vote of the entire Board then in office.

**SCHEDULE D
(Form 1041)**

Department of the Treasury
Internal Revenue Service

Capital Gains and Losses

▶ **Attach to Form 1041, Form 5227, or Form 990-T. See the Instructions for Schedule D (Form 1041) (also for Form 5227 or Form 990-T, if applicable).**

OMB No. 1545-0092

2011

| | |
|--|---|
| Name of estate or trust ALFRED P. SLOAN FOUNDATION | Employer identification number 13-1623877 |
|--|---|

Note: Form 5227 filers need to complete *only* Parts I and II.

Part I Short-Term Capital Gains and Losses - Assets Held One Year or Less

| (a) Description of property (Example: 100 shares 7% preferred of "Z" Co.) | (b) Date acquired (mo., day, yr.) | (c) Date sold (mo., day, yr.) | (d) Sales price | (e) Cost or other basis (see instructions) | (f) Gain or (loss) for the entire year Subtract (e) from (d) |
|--|--------------------------------------|----------------------------------|-----------------|---|--|
| 1a | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | | |
|--|-----------|--------------------|
| b Enter the short-term gain or (loss), if any, from Schedule D-1, line 1b | 1b | 68,211,959. |
| 2 Short-term capital gain or (loss) from Forms 4684, 6252, 6781, and 8824 | 2 | |
| 3 Net short-term gain or (loss) from partnerships, S corporations, and other estates or trusts | 3 | |
| 4 Short-term capital loss carryover. Enter the amount, if any, from line 9 of the 2010 Capital Loss Carryover Worksheet | 4 | () |
| 5 Net short-term gain or (loss). Combine lines 1a through 4 in column (f). Enter here and on line 13, column (3) on the back ▶ | 5 | 68,211,959. |

Part II Long-Term Capital Gains and Losses - Assets Held More Than One Year

| (a) Description of property (Example: 100 shares 7% preferred of "Z" Co.) | (b) Date acquired (mo., day, yr.) | (c) Date sold (mo., day, yr.) | (d) Sales price | (e) Cost or other basis (see instructions) | (f) Gain or (loss) for the entire year Subtract (e) from (d) |
|--|--------------------------------------|----------------------------------|-----------------|---|--|
| 6a | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | | |
|--|-----------|-----|
| b Enter the long-term gain or (loss), if any, from Schedule D-1, line 6b | 6b | |
| 7 Long-term capital gain or (loss) from Forms 2439, 4684, 6252, 6781, and 8824 | 7 | |
| 8 Net long-term gain or (loss) from partnerships, S corporations, and other estates or trusts | 8 | |
| 9 Capital gain distributions | 9 | |
| 10 Gain from Form 4797, Part I | 10 | |
| 11 Long-term capital loss carryover. Enter the amount, if any, from line 14 of the 2010 Capital Loss Carryover Worksheet | 11 | () |
| 12 Net long-term gain or (loss). Combine lines 6a through 11 in column (f). Enter here and on line 14a, column (3) on the back ▶ | 12 | |

For Paperwork Reduction Act Notice, see the Instructions for Form 1041.

Schedule D (Form 1041) 2011

| Part III Summary of Parts I and II | | (1) Beneficiaries' (see instr.) | (2) Estate's or trust's | (3) Total |
|--|---|---------------------------------|-------------------------|-------------|
| Caution: Read the instructions before completing this part. | | | | |
| 13 | Net short-term gain or (loss) | 13 | | 68,211,959. |
| 14 | Net long-term gain or (loss): | | | |
| a | Total for year | 14a | | |
| b | Unrecaptured section 1250 gain (see line 18 of the wrksht.) | 14b | | |
| c | 28% rate gain | 14c | | |
| 15 | Total net gain or (loss). Combine lines 13 and 14 | 15 | | 68,211,959. |

Note: If line 15, column (3), is a net gain, enter the gain on Form 1041, line 4 (or Form 990-T, Part I, line 4a). If lines 14a and 15, column (2), are net gains, go to Part V, and **do not** complete Part IV. If line 15, column (3), is a net loss, complete Part IV and the **Capital Loss Carryover Worksheet**, as necessary.

Part IV Capital Loss Limitation

| | | | |
|-----------|---|-----------|-----|
| 16 | Enter here and enter as a (loss) on Form 1041, line 4 (or Form 990-T, Part I, line 4c, if a trust), the smaller of: a The loss on line 15, column (3) or b \$3,000 | 16 | () |
|-----------|---|-----------|-----|

Note: If the loss on line 15, column (3), is more than \$3,000, **or** if Form 1041, page 1, line 22 (or Form 990-T, line 34), is a loss, complete the **Capital Loss Carryover Worksheet** in the instructions to figure your capital loss carryover.

Part V Tax Computation Using Maximum Capital Gains Rates

Form 1041 filers. Complete this part **only** if both lines 14a and 15 in column (2) are gains, or an amount is entered in Part I or Part II and there is an entry on Form 1041, line 2b(2), **and** Form 1041, line 22, is more than zero.

Caution: Skip this part and complete the **Schedule D Tax Worksheet** in the instructions if:

- Either line 14b, col. (2) or line 14c, col. (2) is more than zero, or
- Both Form 1041, line 2b(1), and Form 990-T, line 4g are more than zero.

Form 990-T trusts. Complete this part **only** if both lines 14a and 15 are gains, or qualified dividends are included in income in Part I of Form 990-T, **and** Form 990-T, line 34, is more than zero. Skip this part and complete the **Schedule D Tax Worksheet** in the instructions if either line 14b, col. (2) or line 14c, col. (2) is more than zero.

| | | | | |
|-----------|--|-----------|--|--|
| 17 | Enter taxable income from Form 1041, line 22 (or Form 990-T, line 34) | 17 | | |
| 18 | Enter the smaller of line 14a or 15 in column (2) but not less than zero | 18 | | |
| 19 | Enter the estate's or trust's qualified dividends from Form 1041, line 2b(2) (or enter the qualified dividends included in income in Part I of Form 990-T) | 19 | | |
| 20 | Add lines 18 and 19 | 20 | | |
| 21 | If the estate or trust is filing Form 4952, enter the amount from line 4g; otherwise, enter -0- | 21 | | |
| 22 | Subtract line 21 from line 20. If zero or less, enter -0- | 22 | | |
| 23 | Subtract line 22 from line 17. If zero or less, enter -0- | 23 | | |
| 24 | Enter the smaller of the amount on line 17 or \$2,300 | 24 | | |
| 25 | Is the amount on line 23 equal to or more than the amount on line 24? <input type="checkbox"/> Yes. Skip lines 25 and 26; go to line 27 and check the "No" box. <input type="checkbox"/> No. Enter the amount from line 23 | 25 | | |
| 26 | Subtract line 25 from line 24 | 26 | | |
| 27 | Are the amounts on lines 22 and 26 the same? <input type="checkbox"/> Yes. Skip lines 27 thru 30; go to line 31. <input type="checkbox"/> No. Enter the smaller of line 17 or line 22 | 27 | | |
| 28 | Enter the amount from line 26 (If line 26 is blank, enter -0-) | 28 | | |
| 29 | Subtract line 28 from line 27 | 29 | | |
| 30 | Multiply line 29 by 15% (.15) | 30 | | |
| 31 | Figure the tax on the amount on line 23. Use the 2011 Tax Rate Schedule for Estates and Trusts (see the Schedule G instructions in the instructions for Form 1041) | 31 | | |
| 32 | Add lines 30 and 31 | 32 | | |
| 33 | Figure the tax on the amount on line 17. Use the 2011 Tax Rate Schedule for Estates and Trusts (see the Schedule G instructions in the instructions for Form 1041) | 33 | | |
| 34 | Tax on all taxable income. Enter the smaller of line 32 or line 33 here and on Form 1041, Schedule G, line 1a (or Form 990-T, line 36) | 34 | | |